



FIG. 1
PRIOR ART

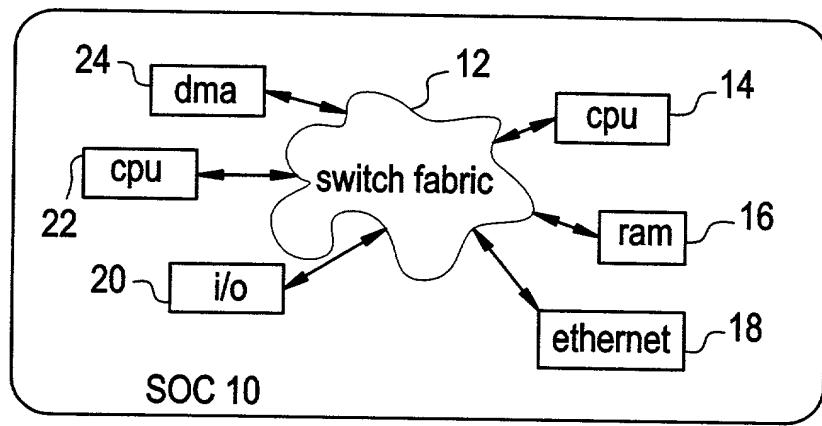


FIG. 2

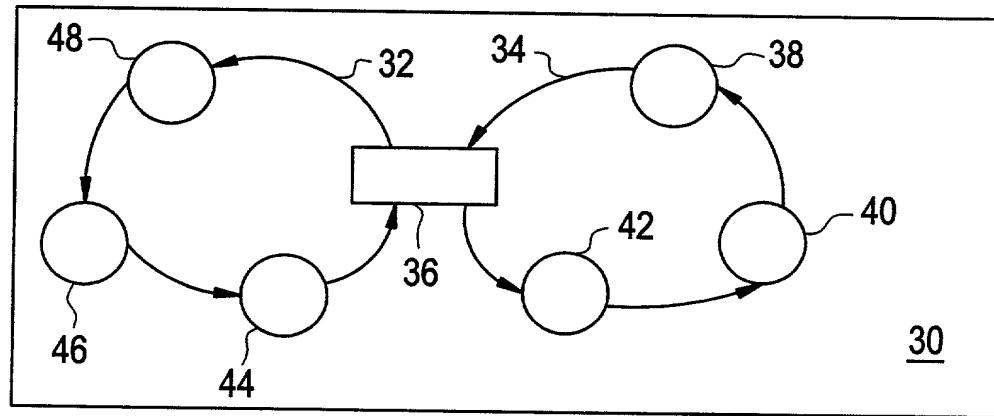




FIG. 3

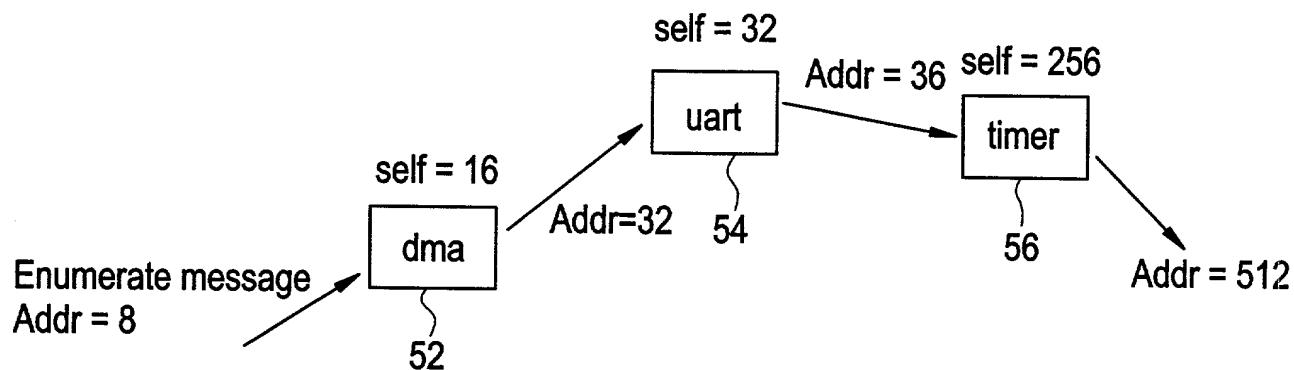


FIG. 4

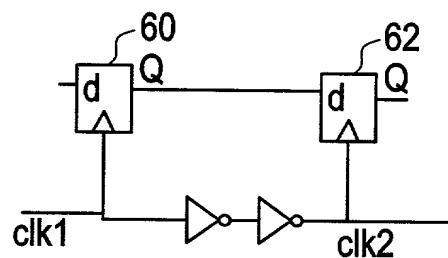


FIG. 5

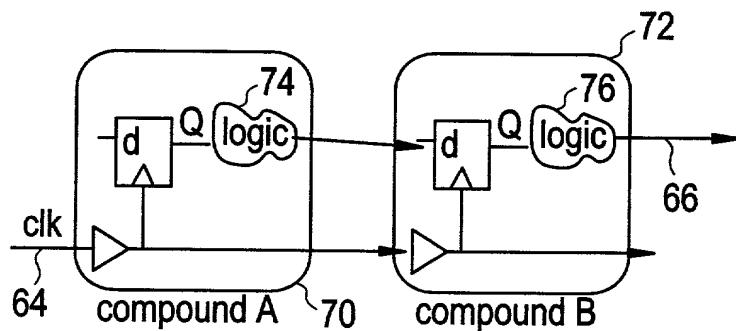




FIG. 6

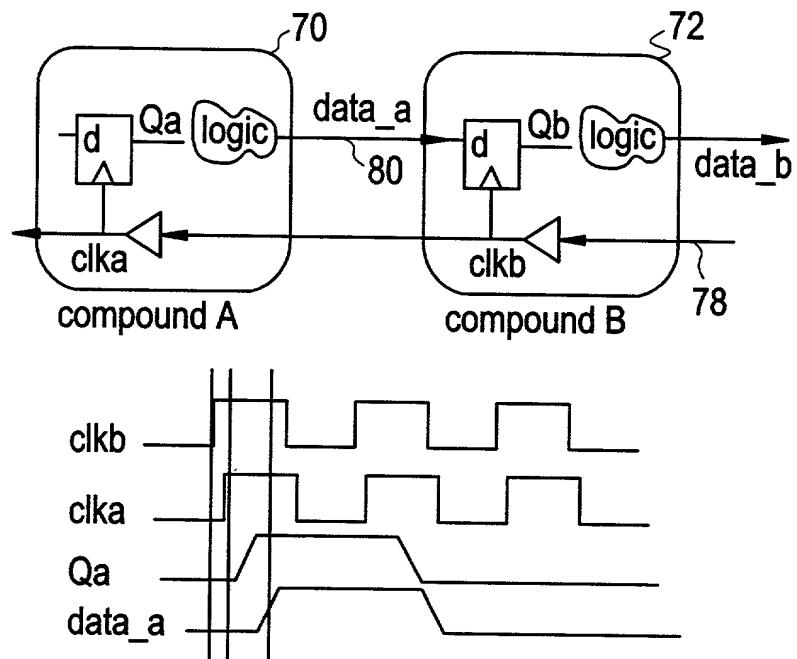


FIG. 7

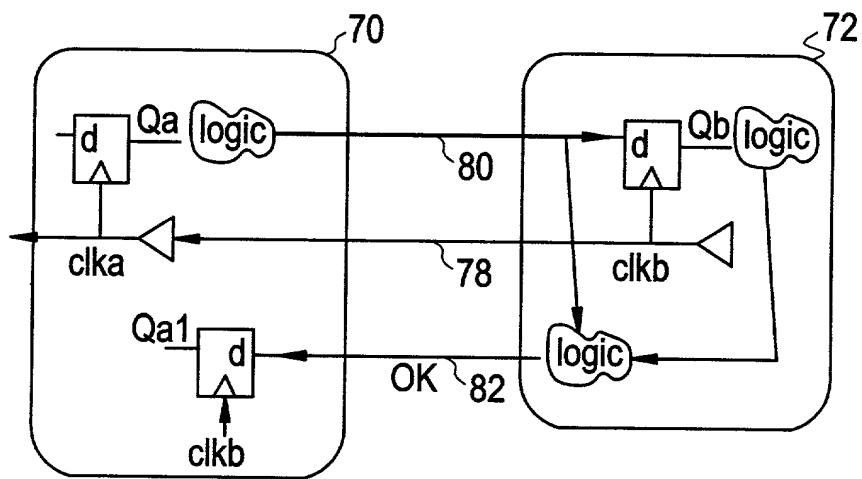




FIG. 8

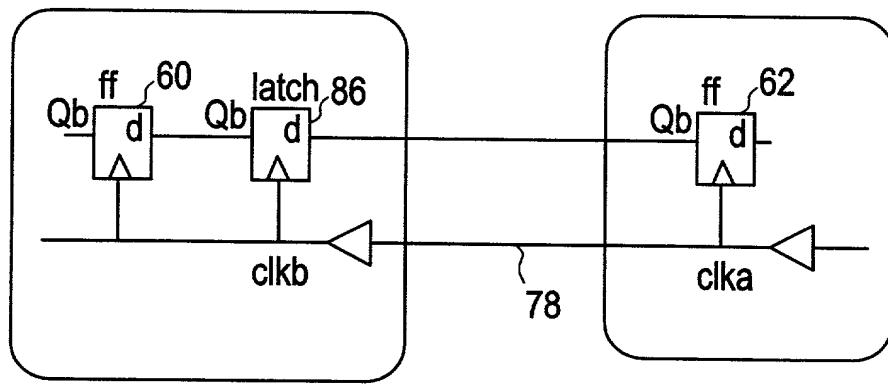


FIG. 9

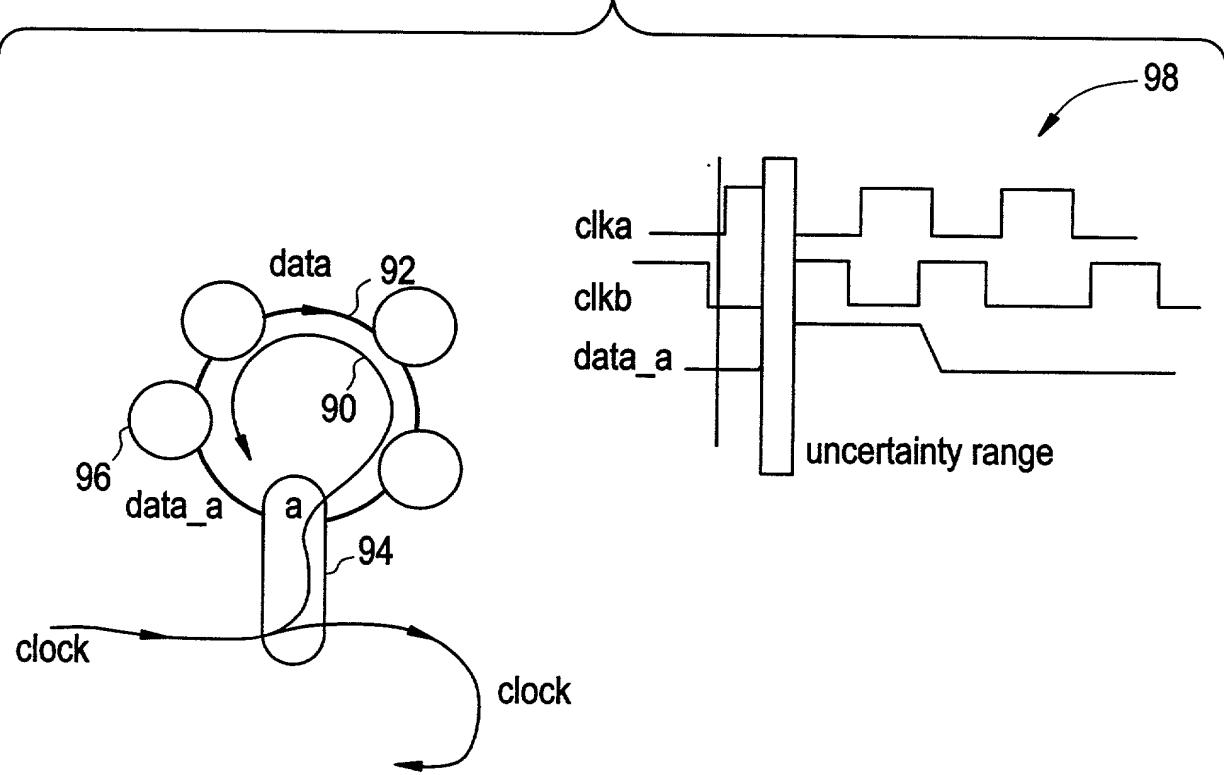




FIG. 10

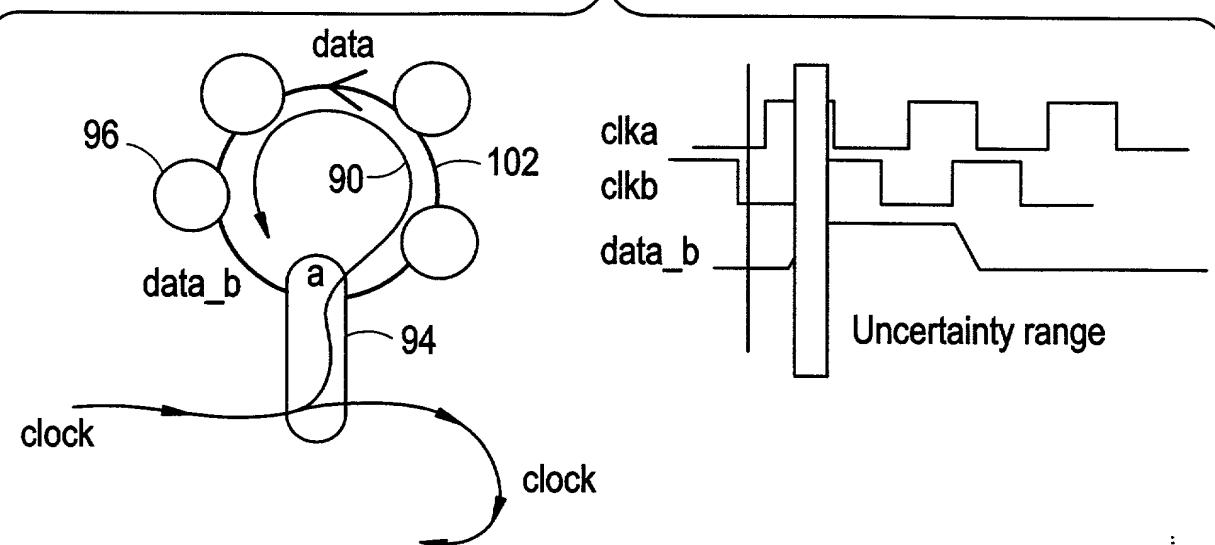


FIG. 11

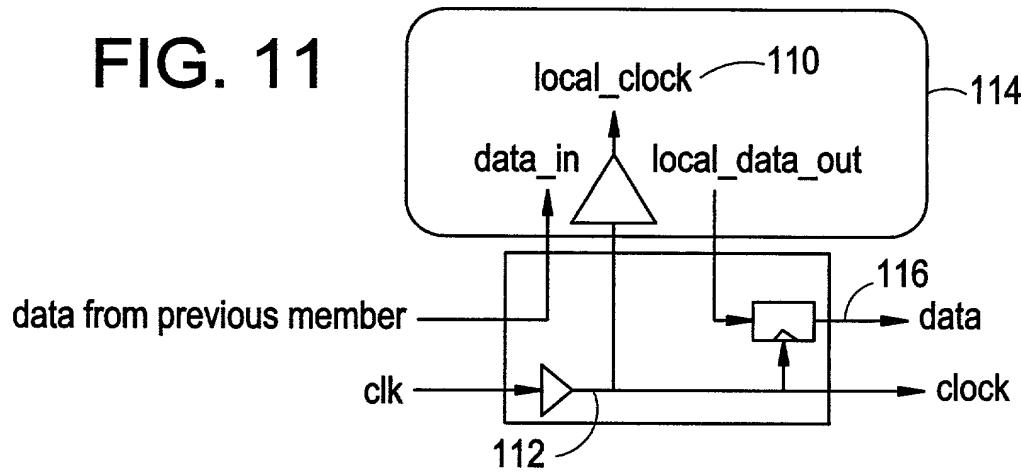


FIG. 12

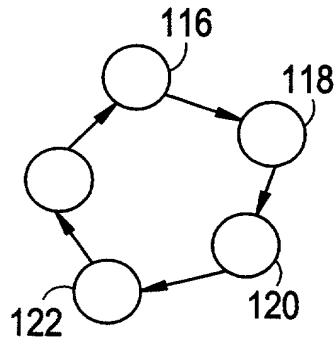
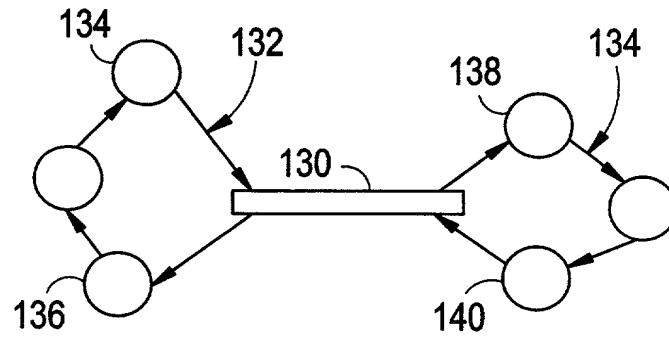


FIG. 13



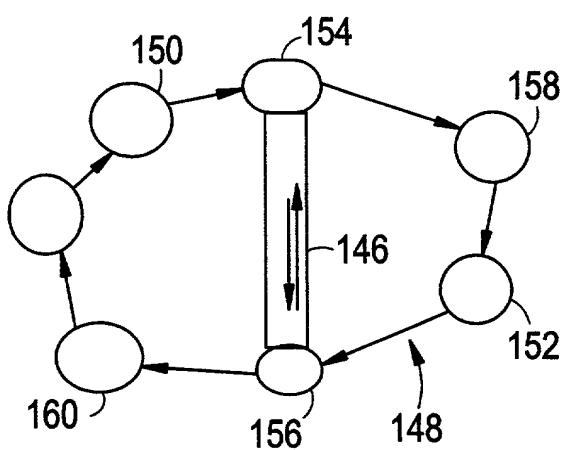
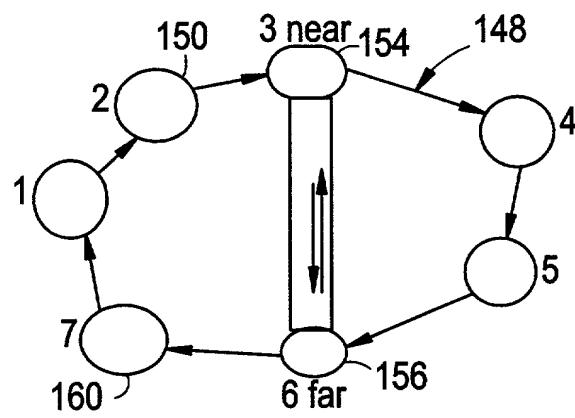
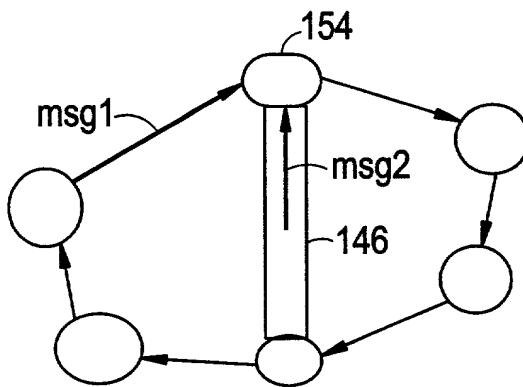
**FIG. 14****FIG. 15****FIG. 16**



FIG. 17

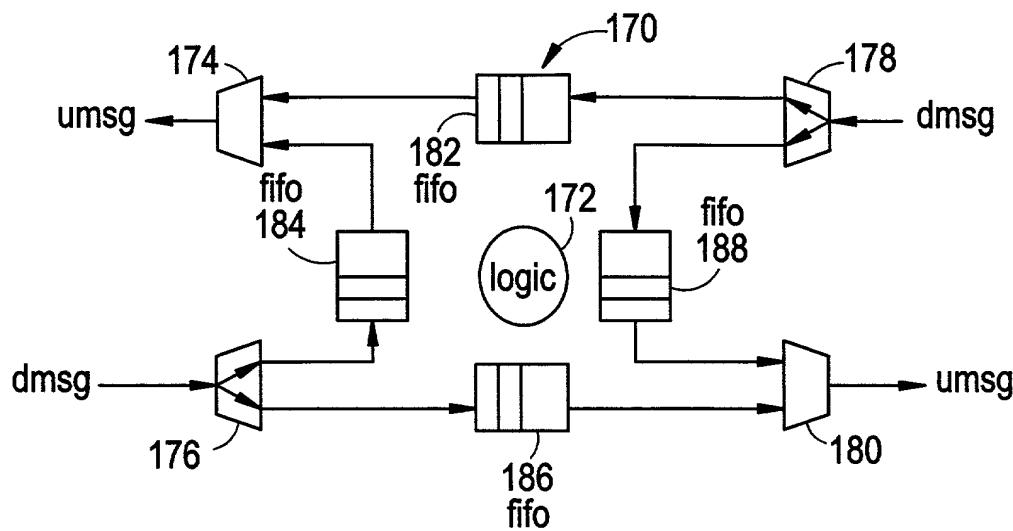


FIG. 18

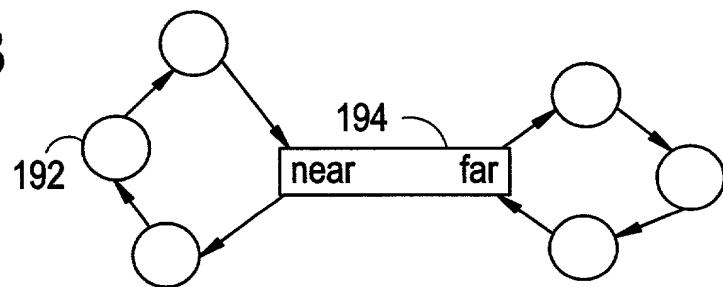
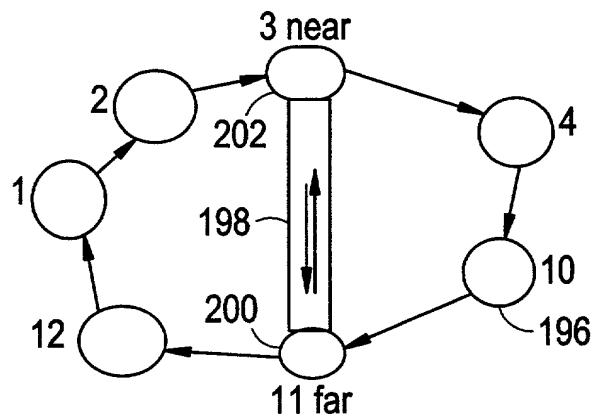


FIG. 19





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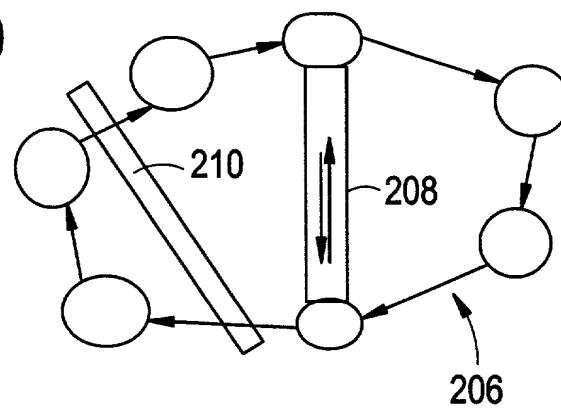
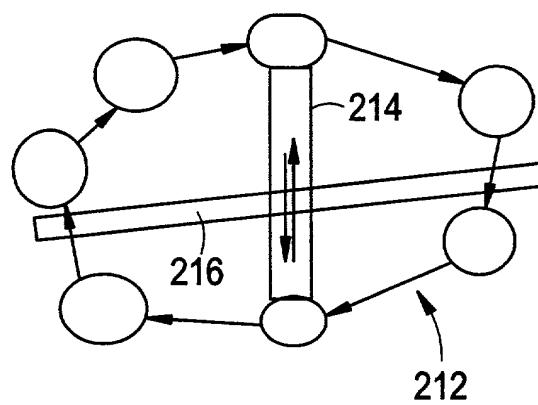
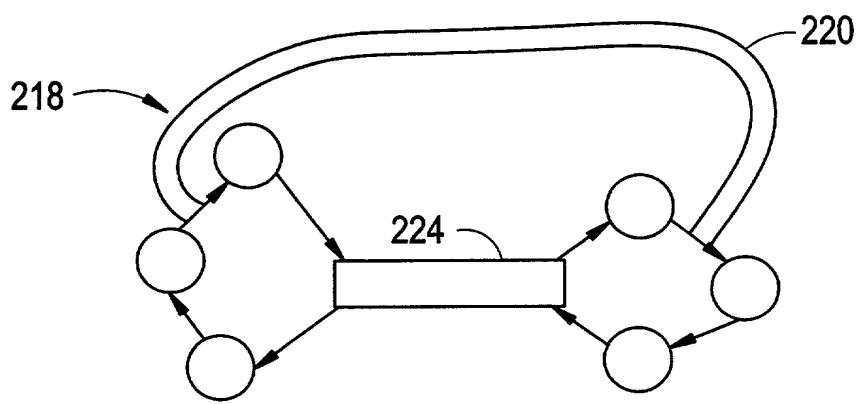
FIG. 20**FIG. 21****FIG. 22**

FIG. 23

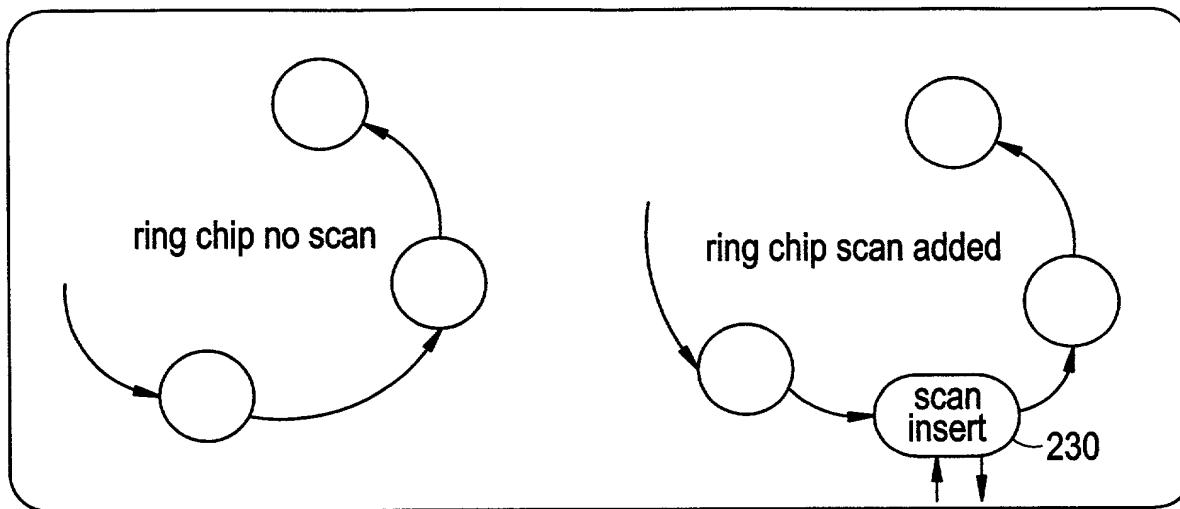


FIG. 24

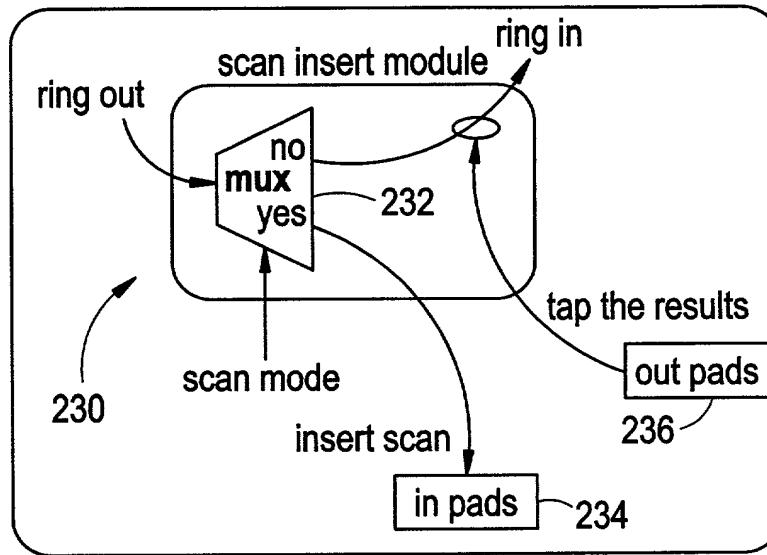


FIG. 25

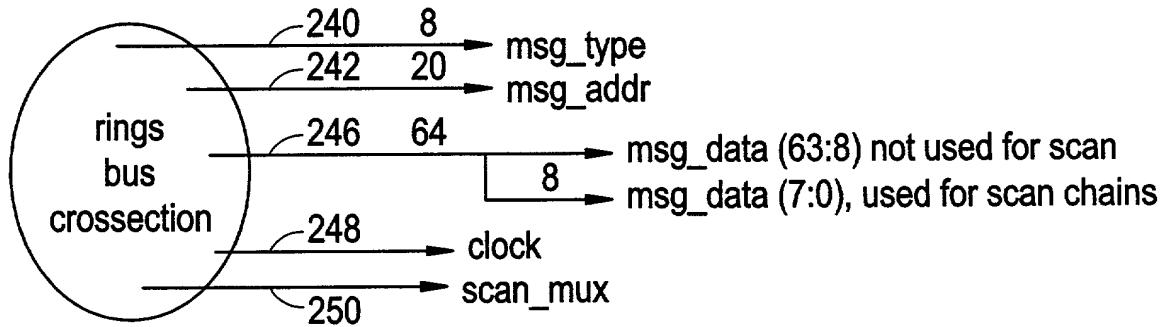




FIG. 26

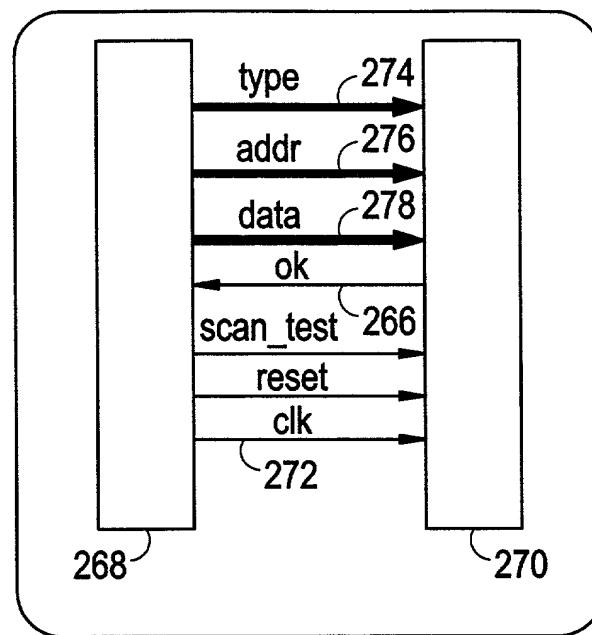
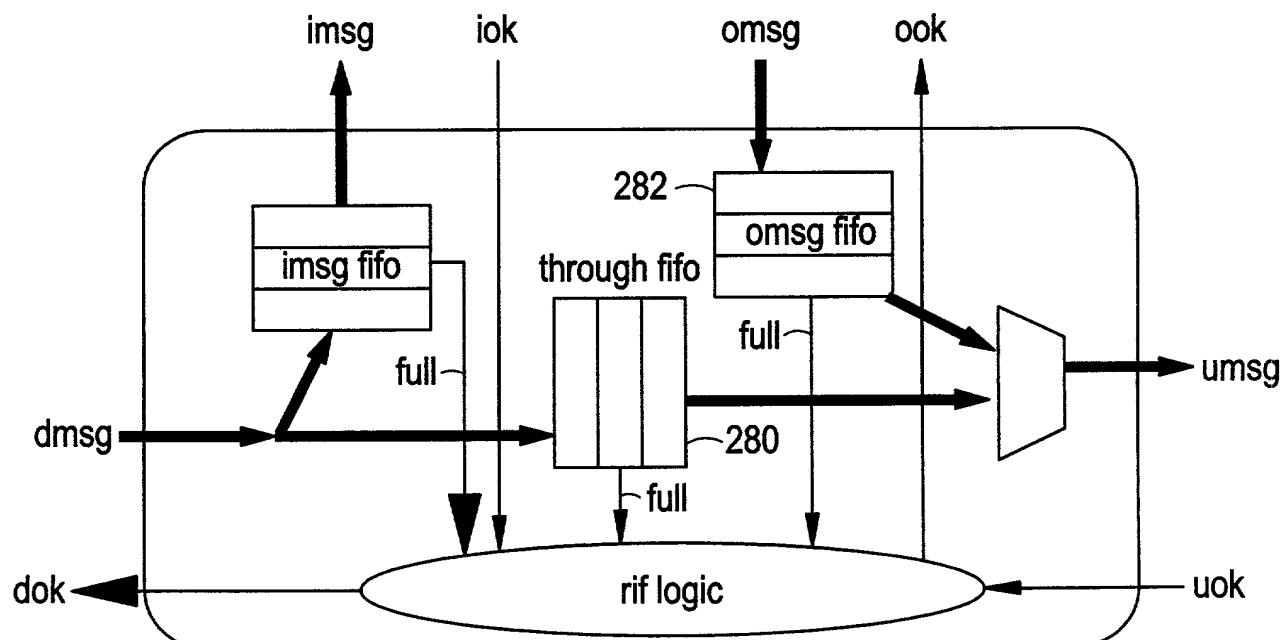


FIG. 27





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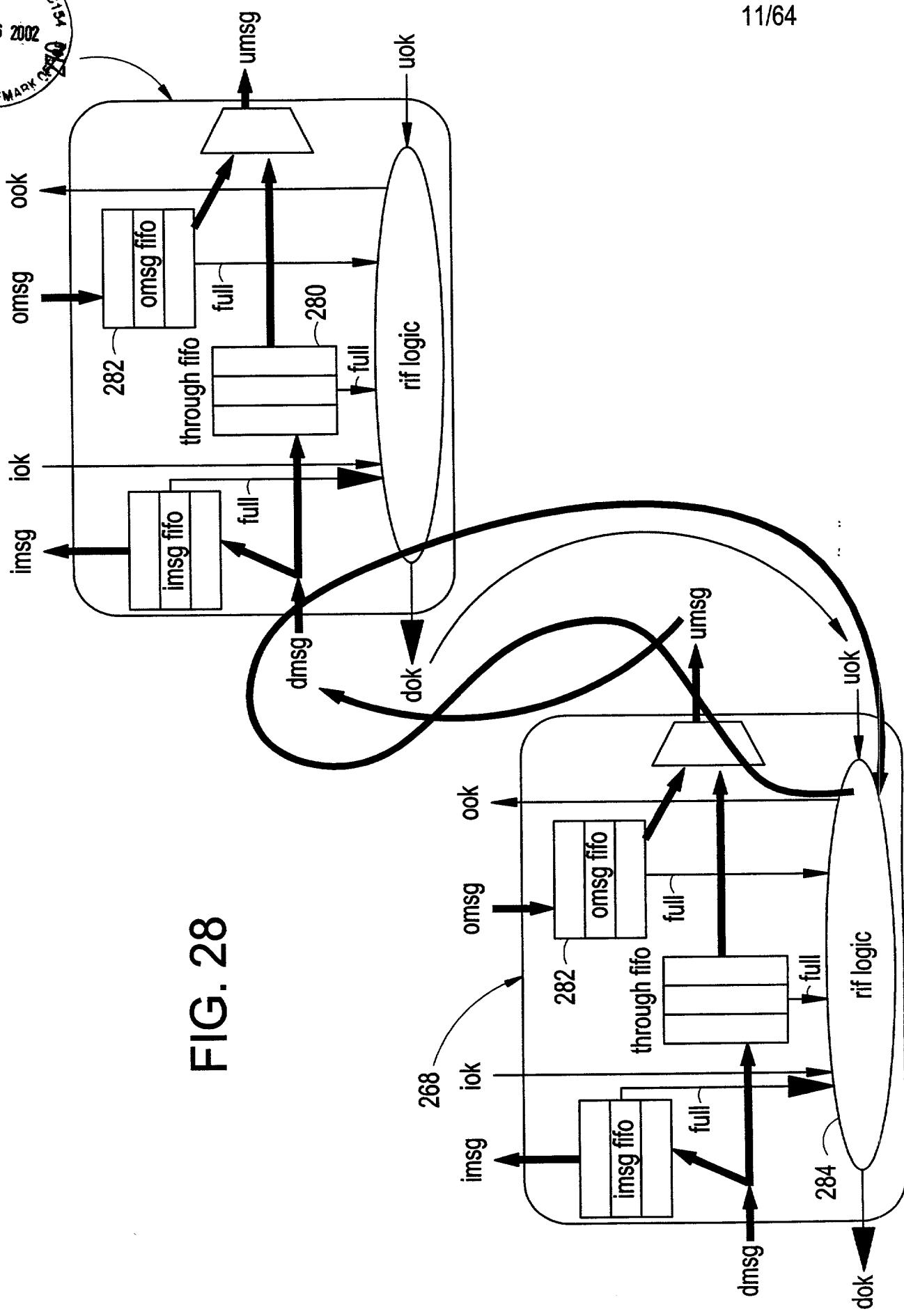




FIG. 29

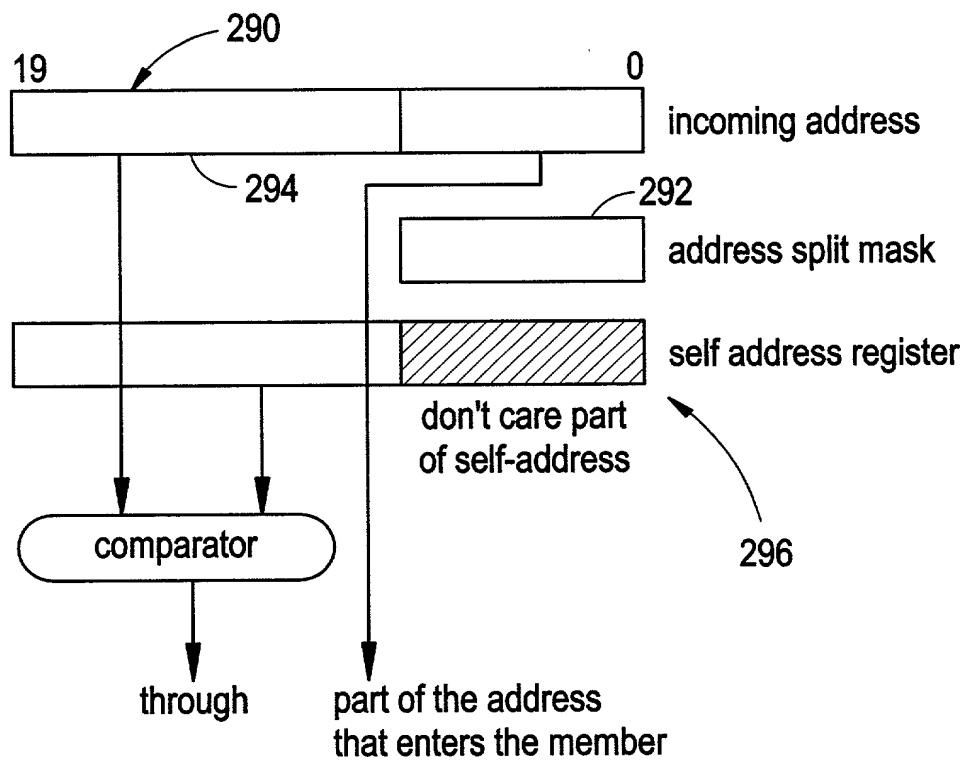




FIG. 30

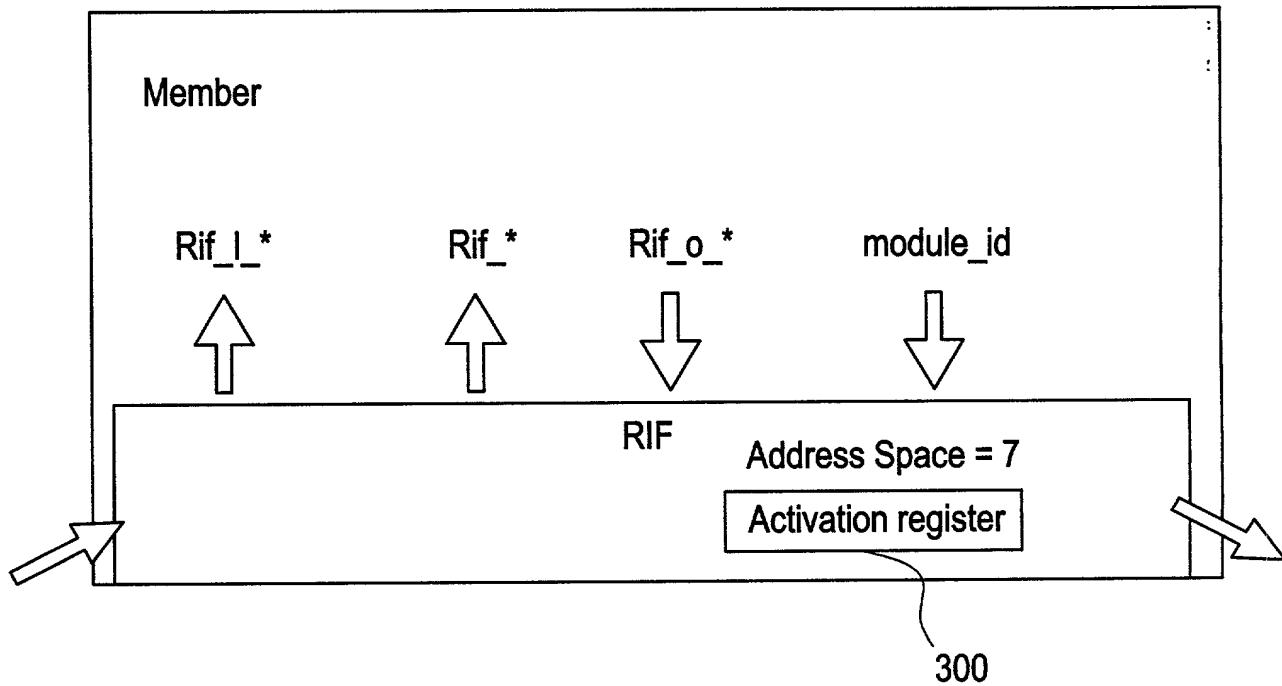
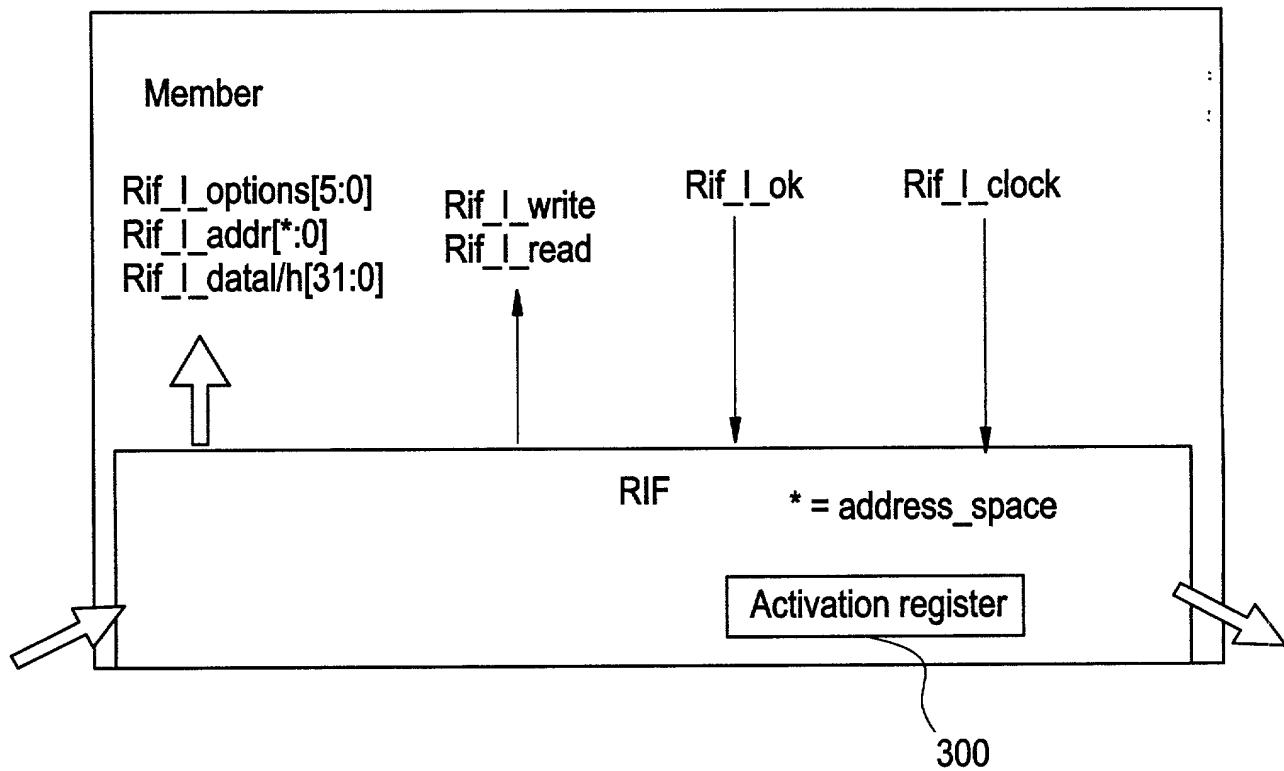


FIG. 31



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FIG. 32

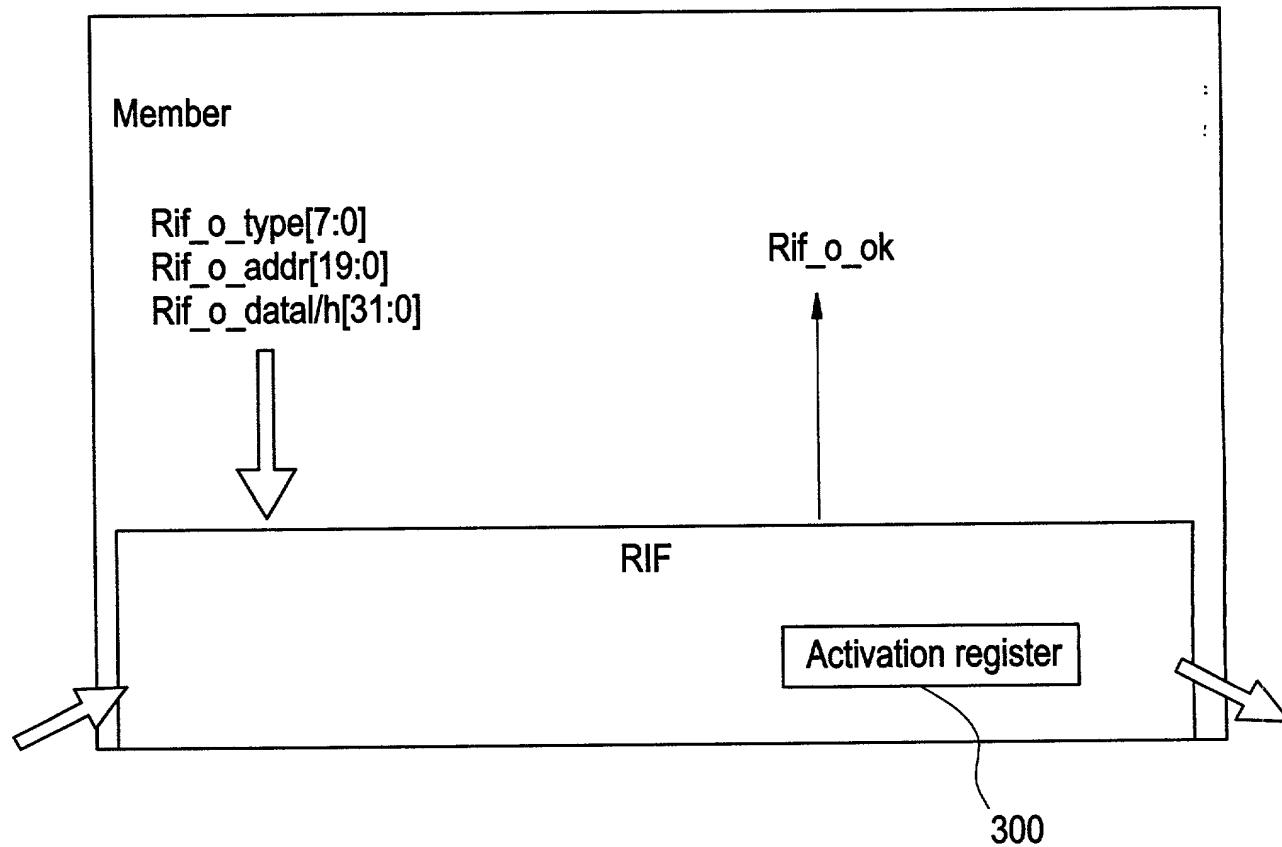
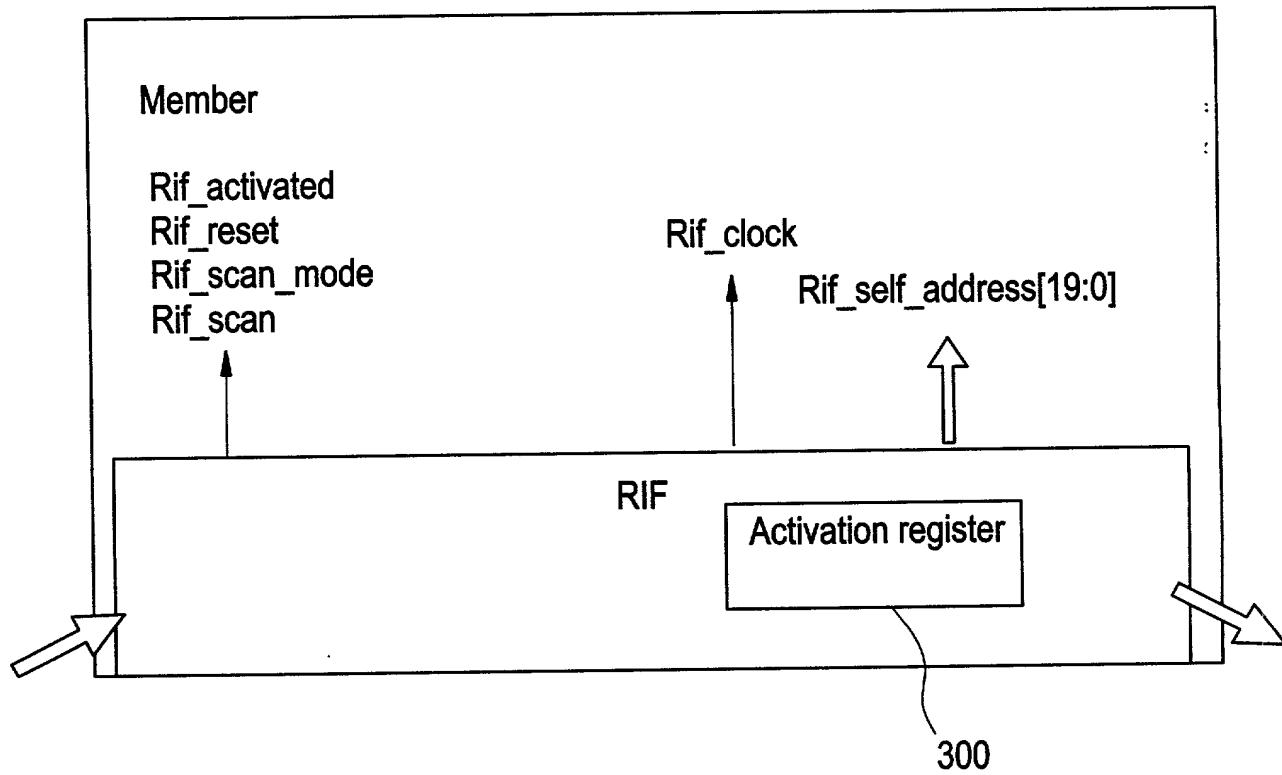


FIG. 33



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FIG. 34

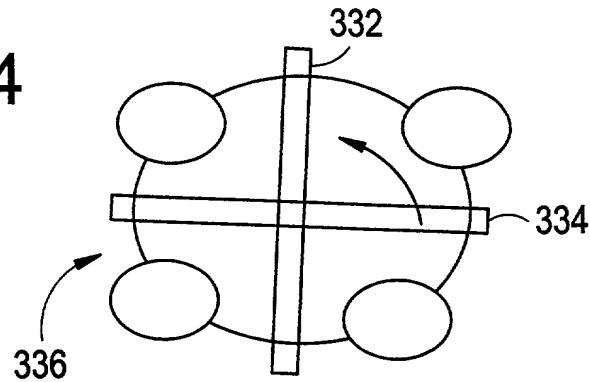


FIG. 35

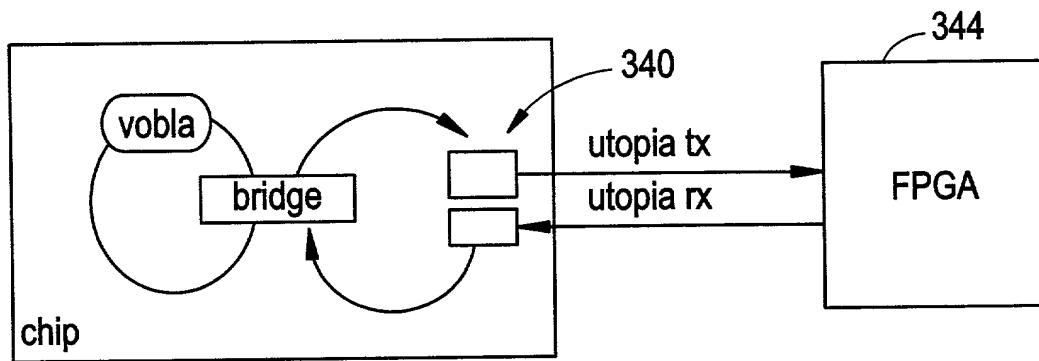


FIG. 36

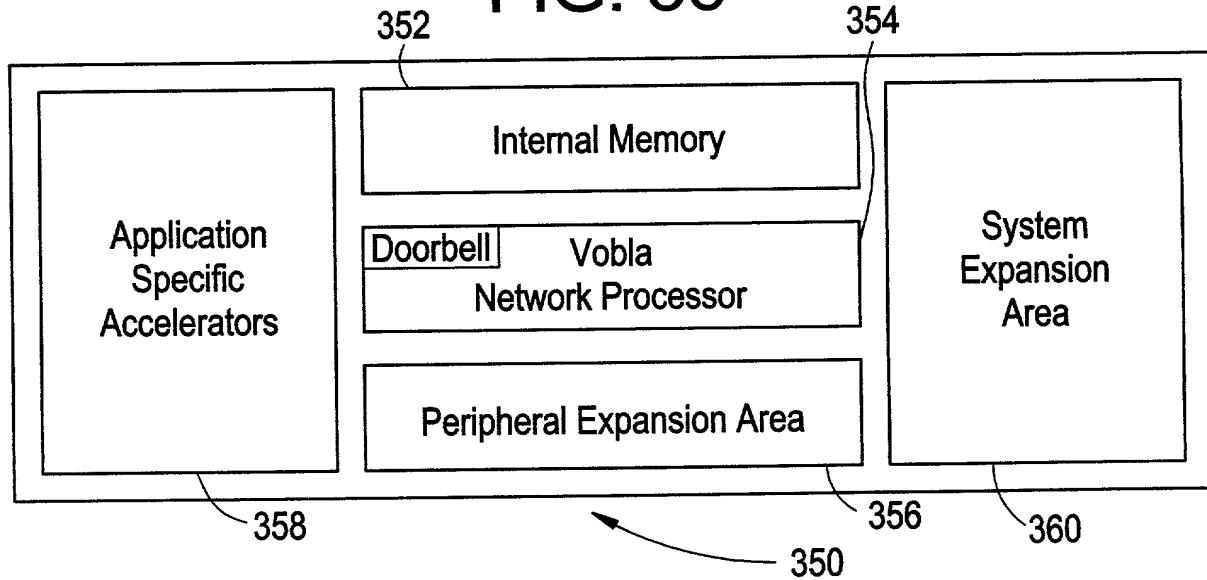




FIG. 37

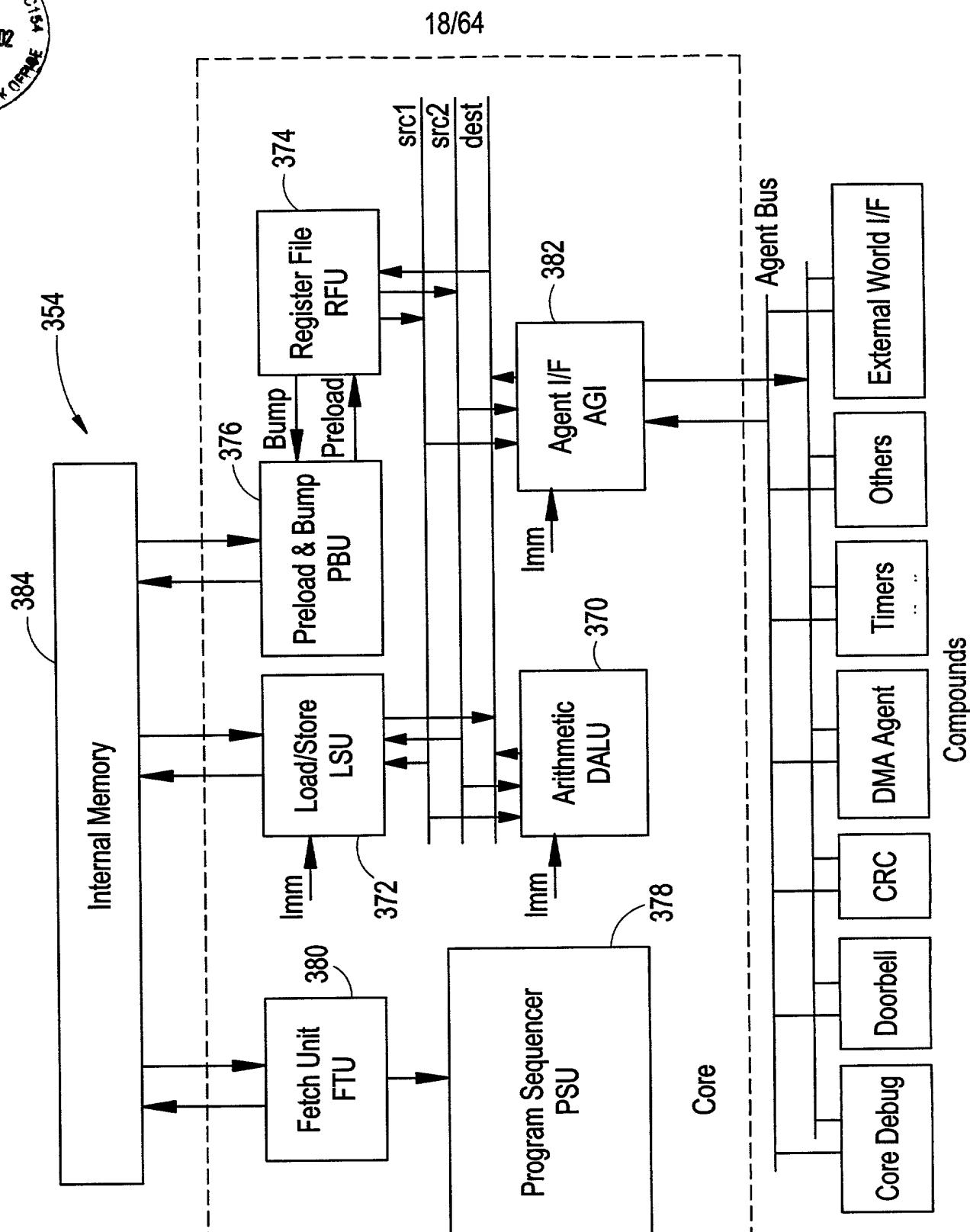


FIG. 38

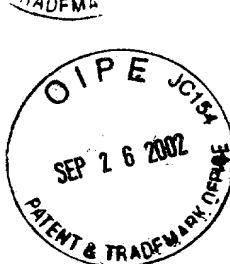
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Current Task
(CTID)

Task_X

Next Task
(NTID)

Task_Y



After a task switch

Current Task
(CTID)

Task_Y

Next Task
(NTID)

Task_Z

392

390

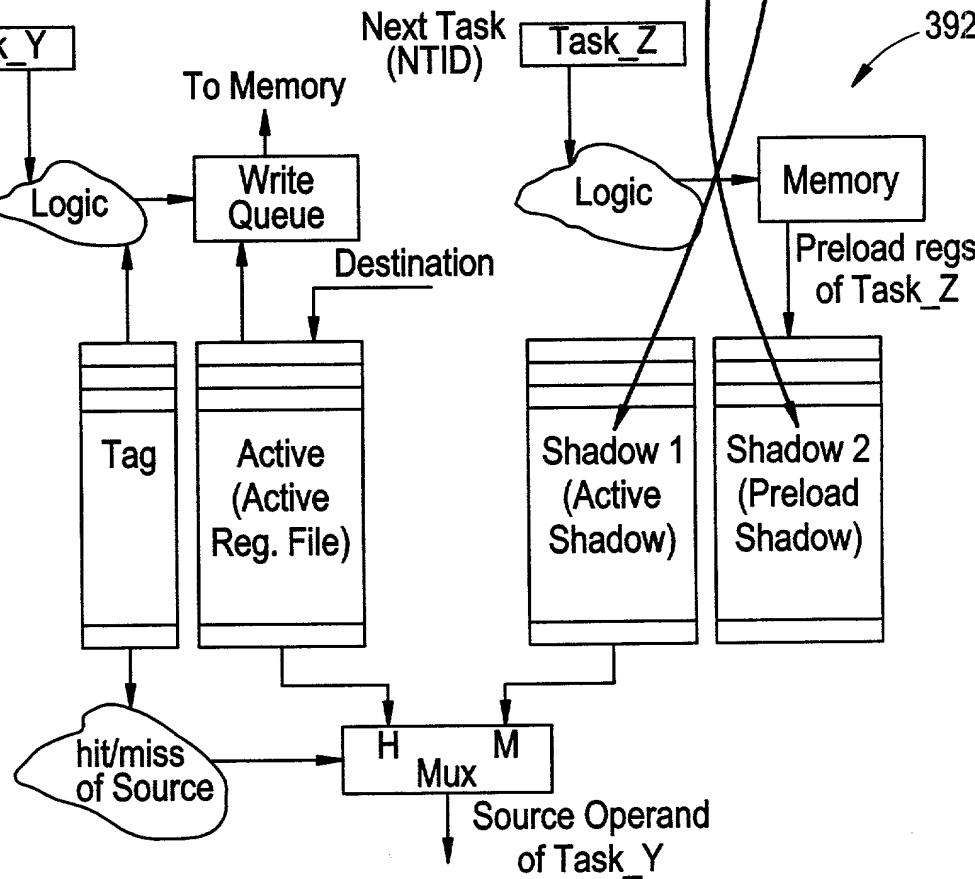
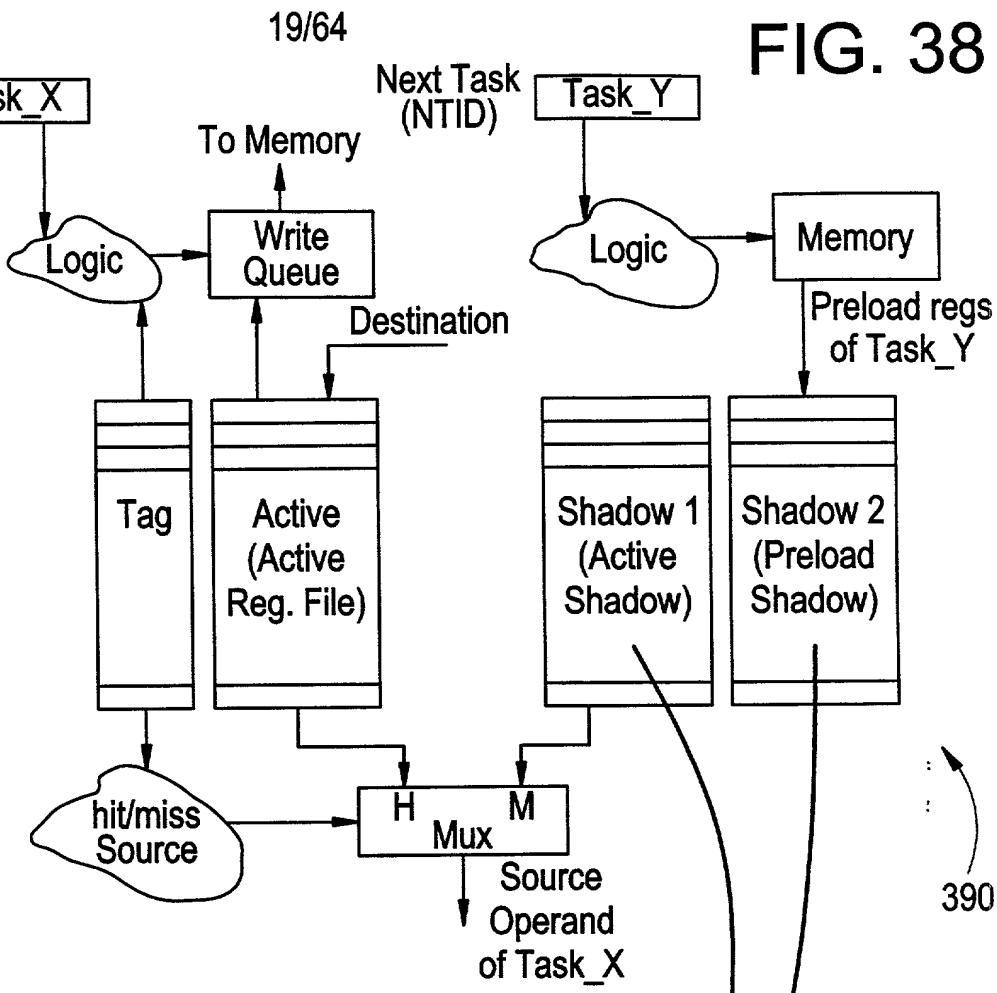




FIG. 39

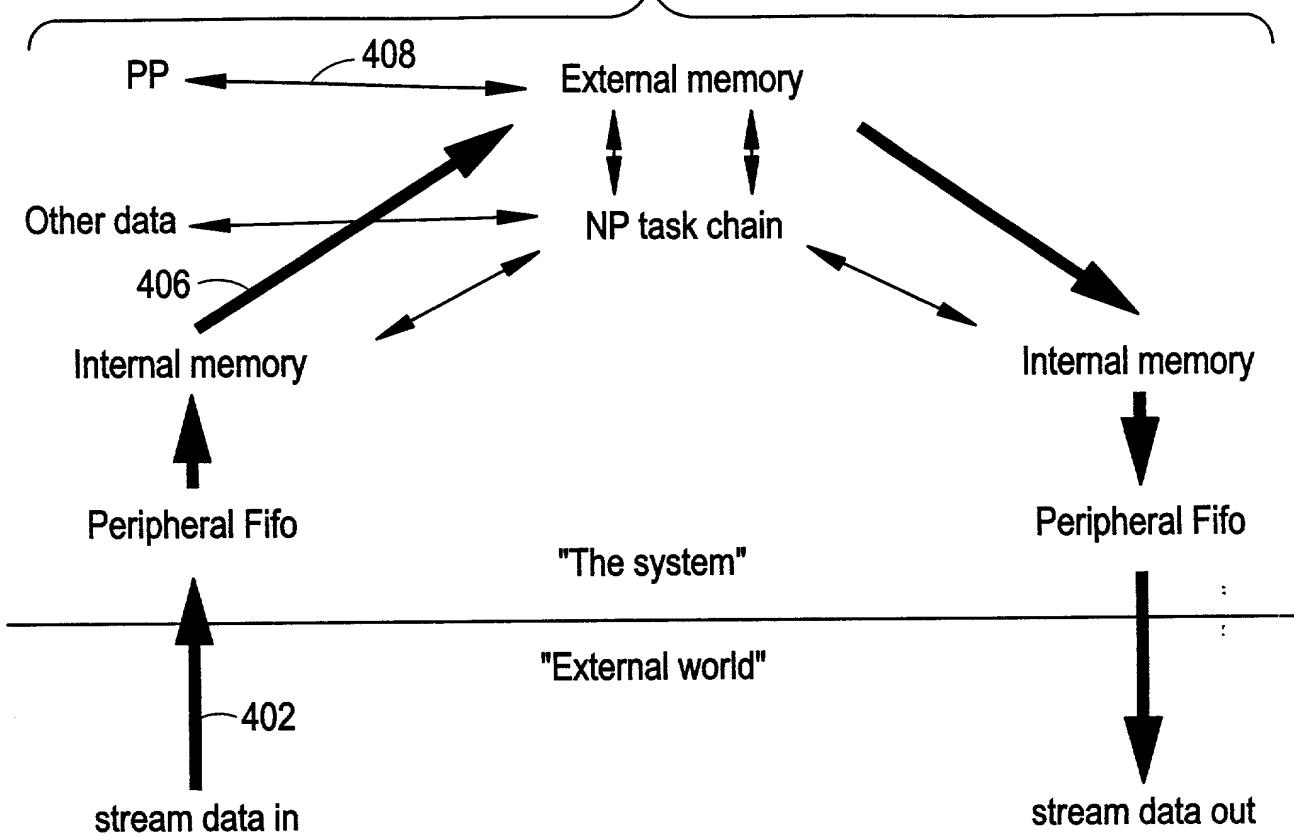


FIG. 40

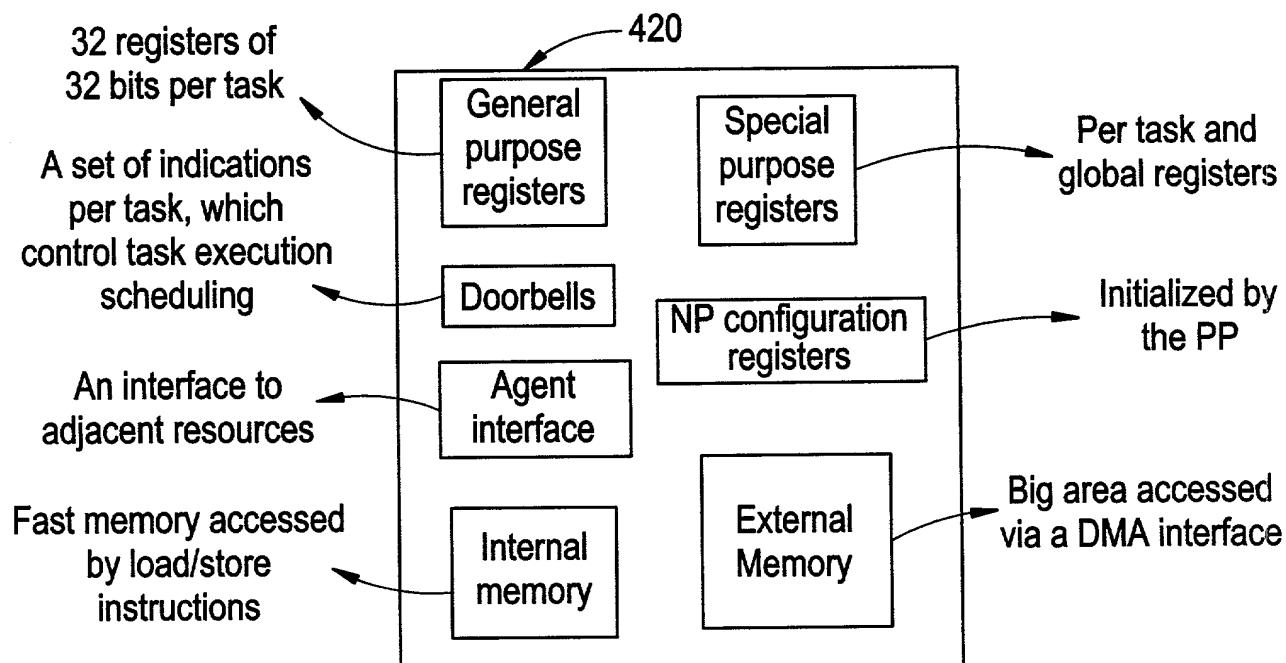
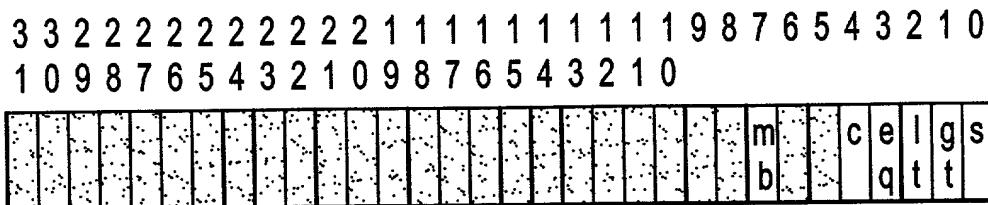




FIG. 41

R1 register



430

FIG. 42

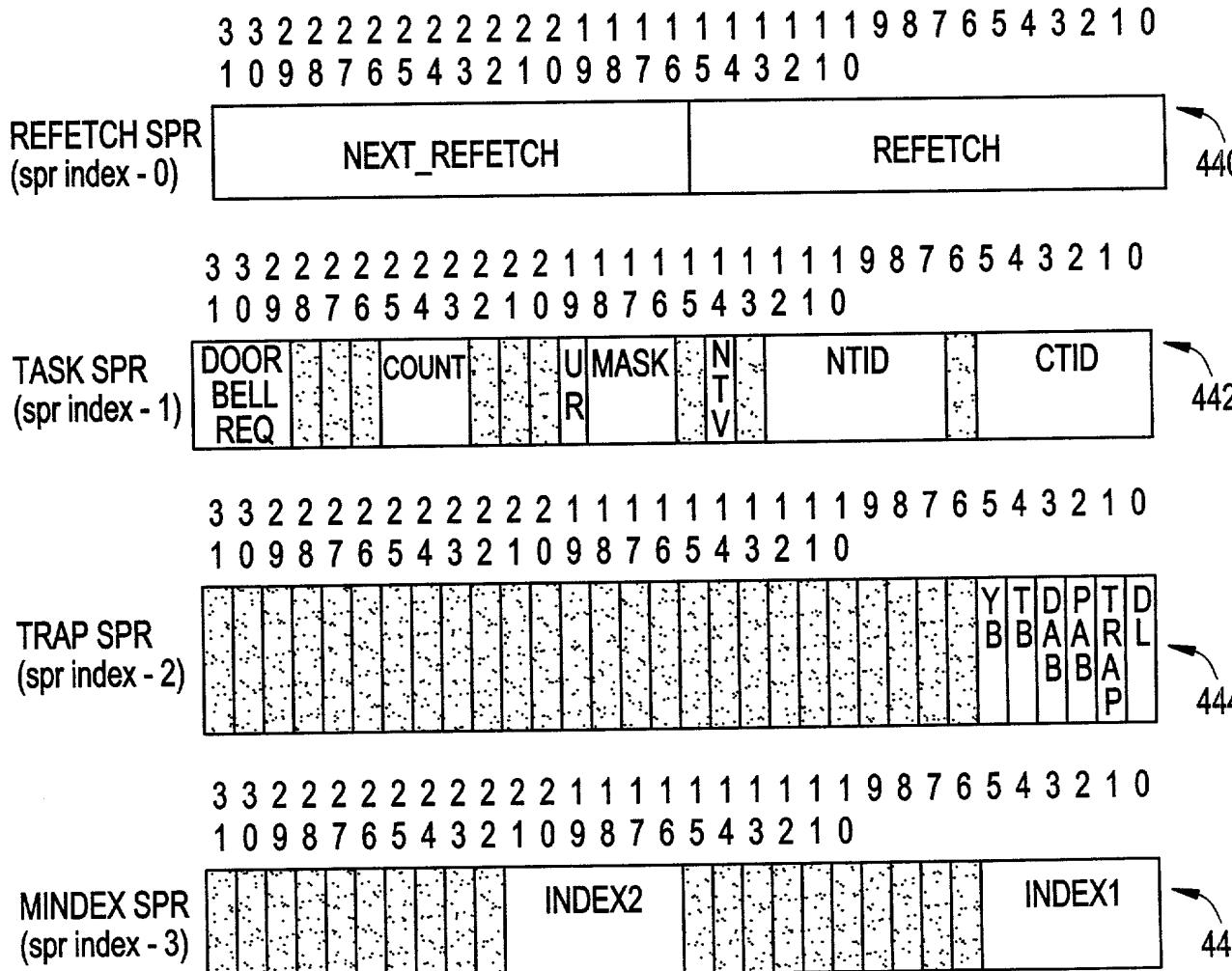




FIG. 43

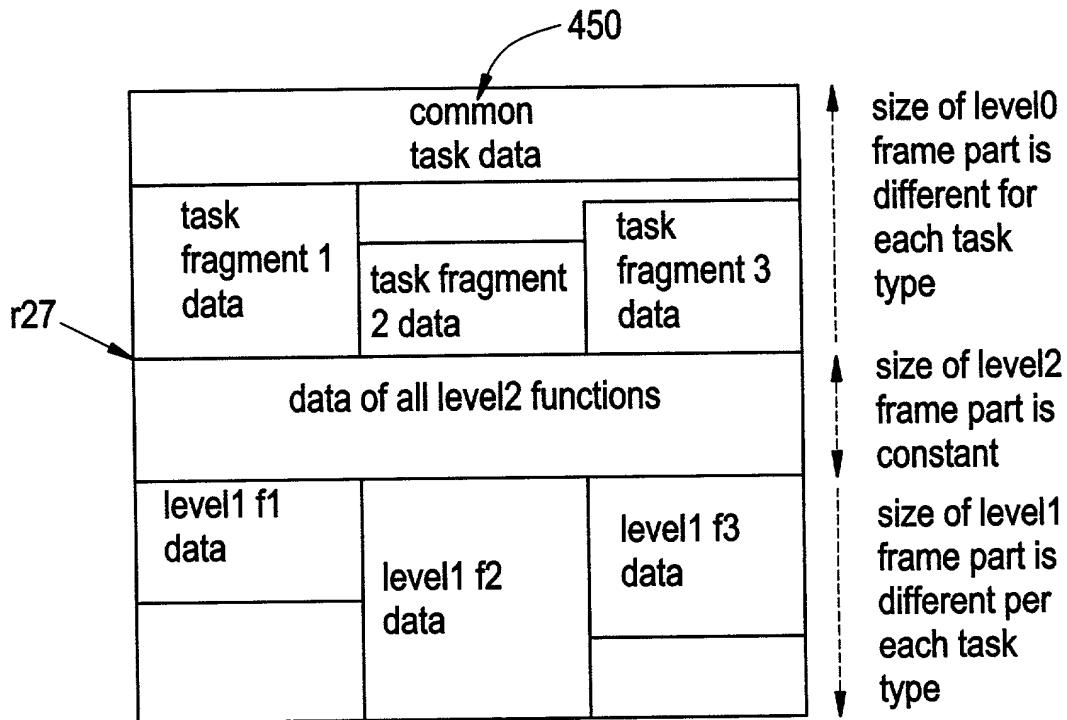


FIG. 44

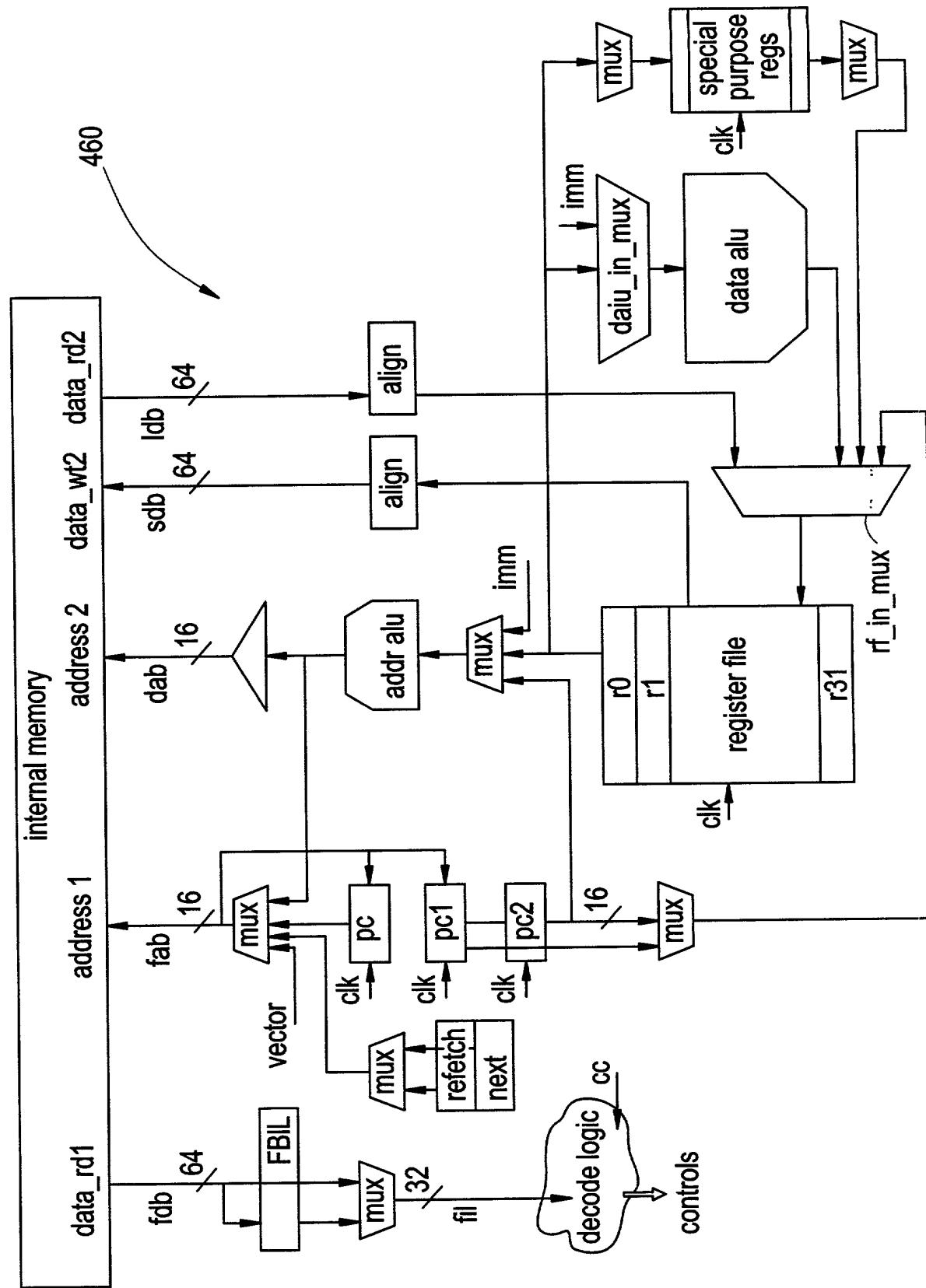




FIG. 45

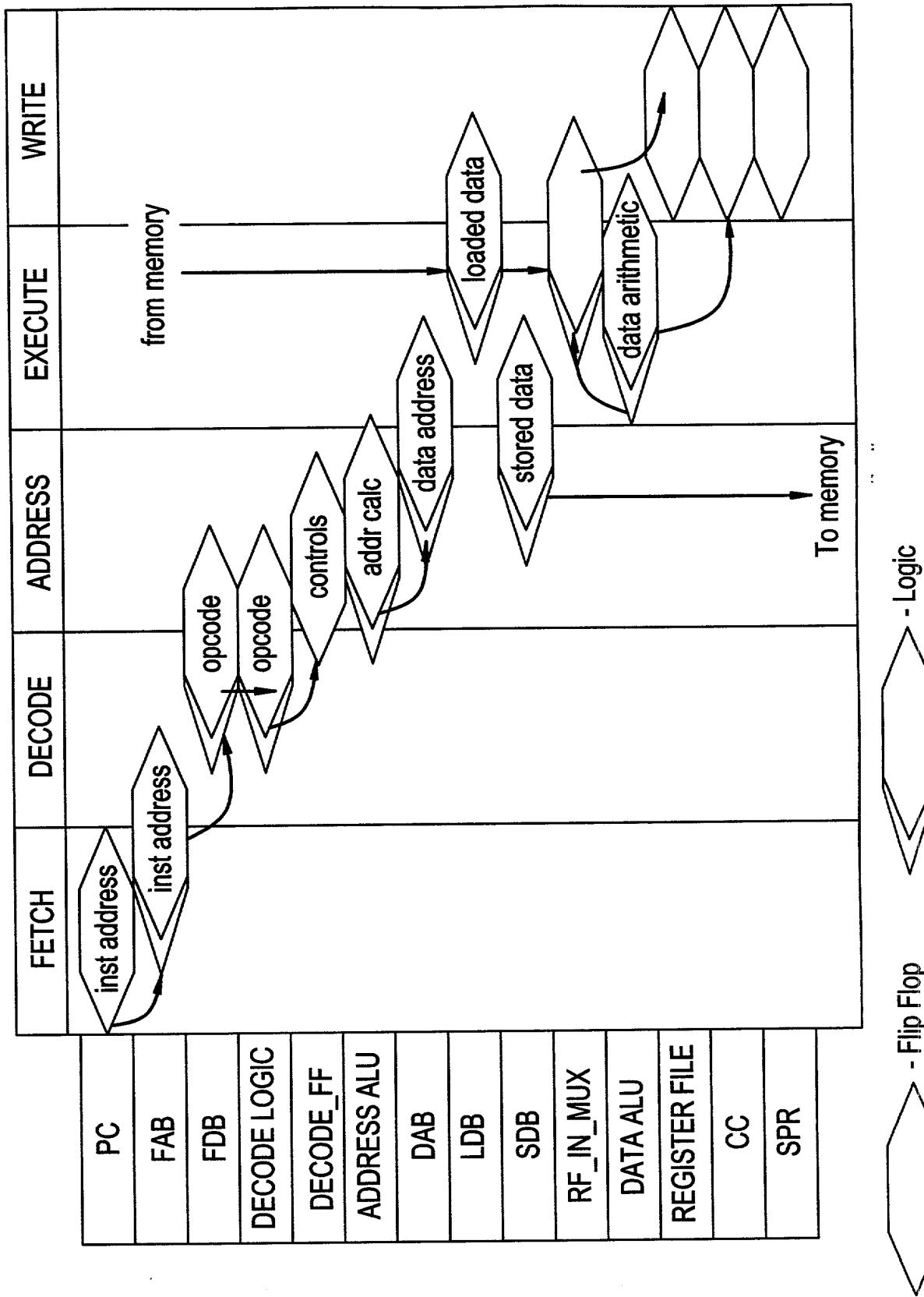
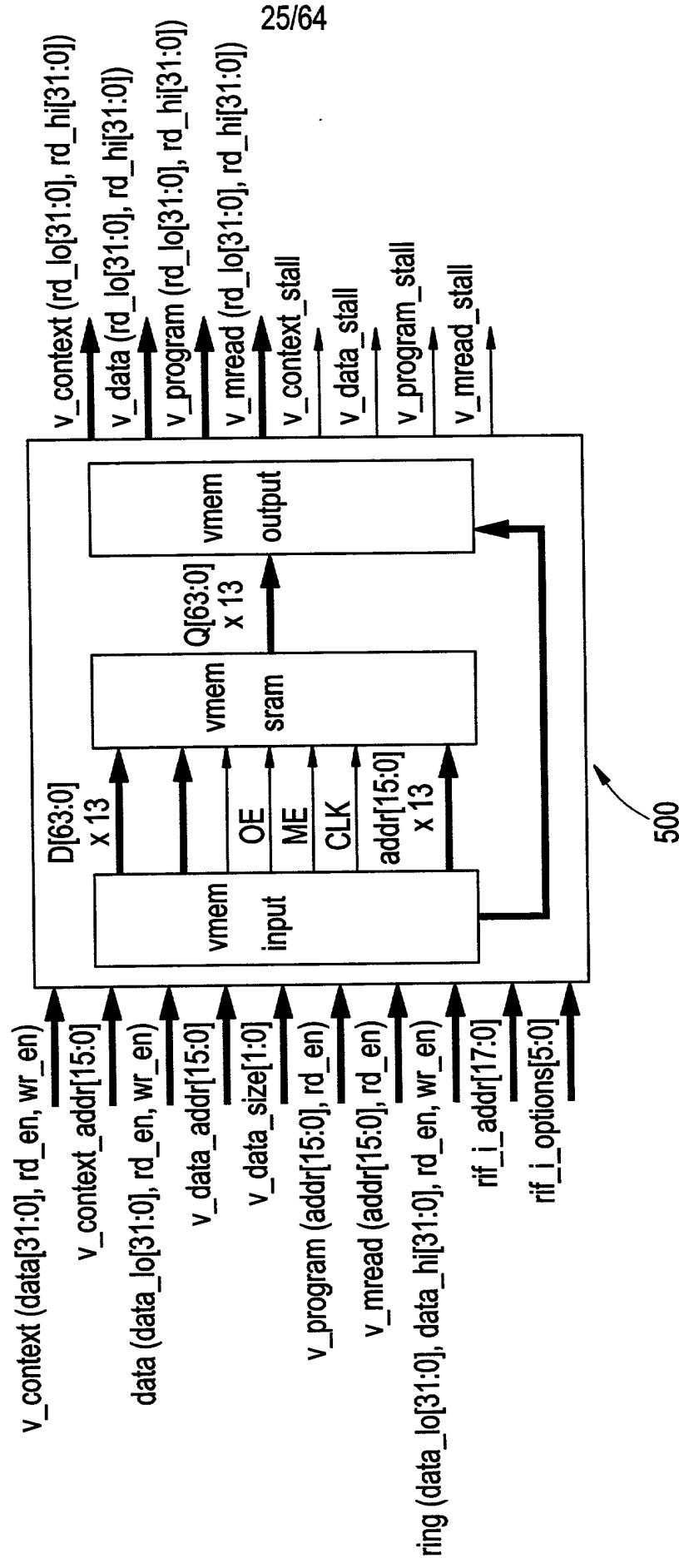


FIG. 46



2025 RELEASE UNDER E.O. 14176





FIG. 47

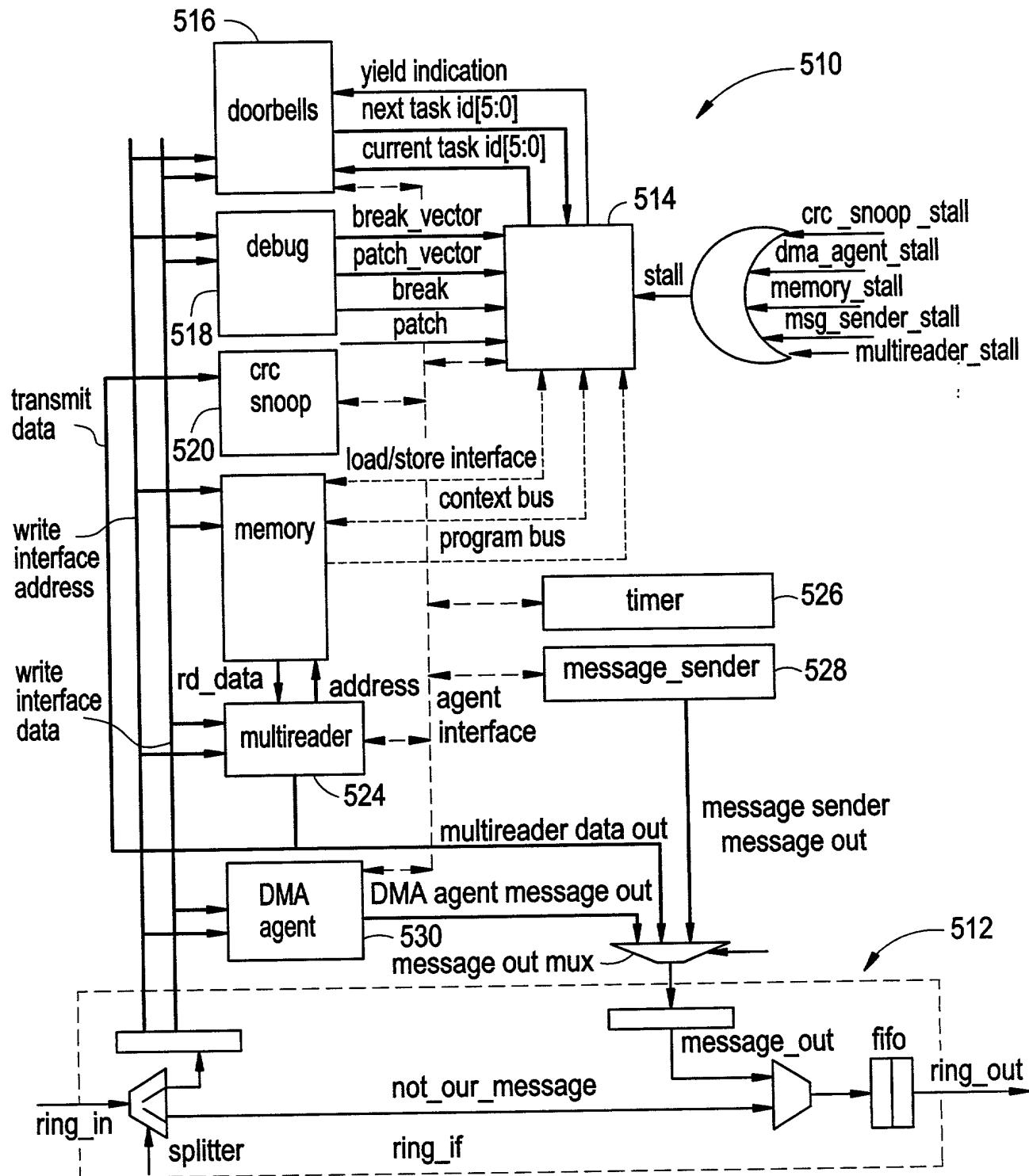
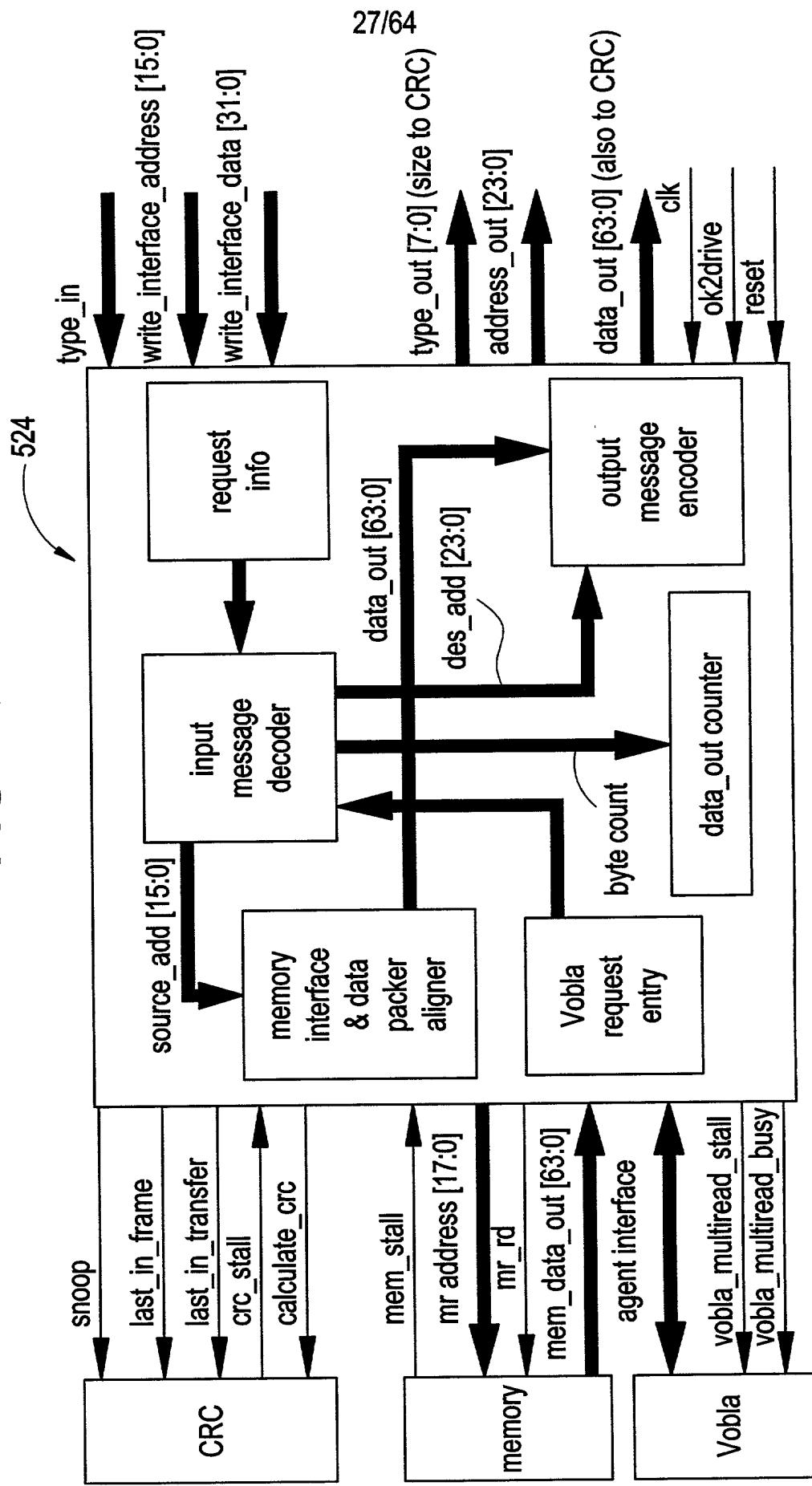
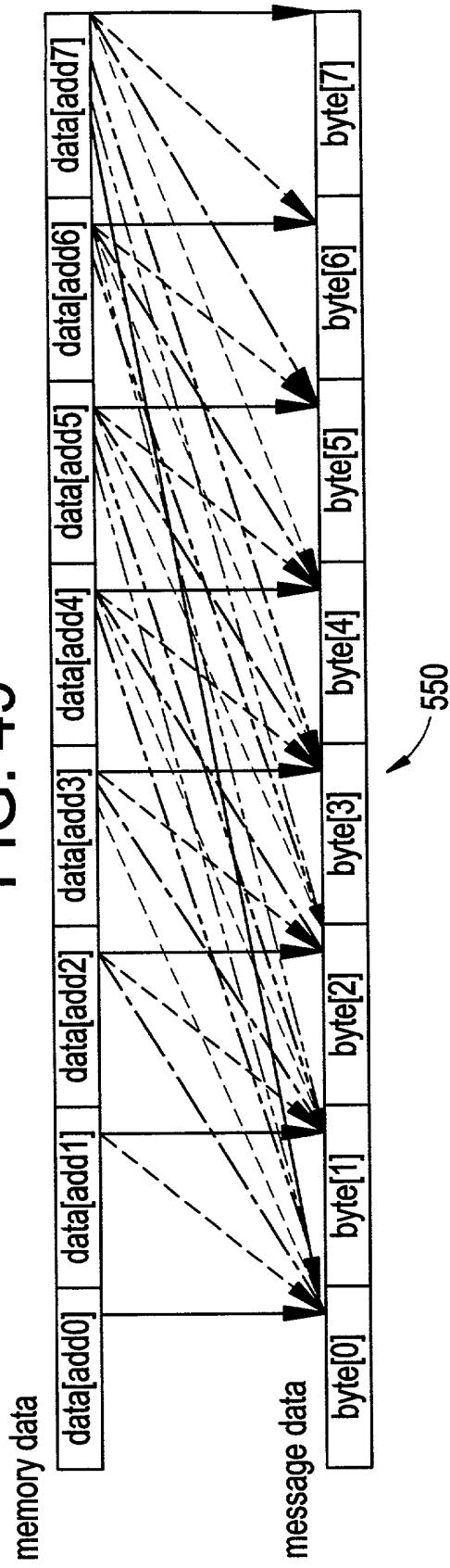
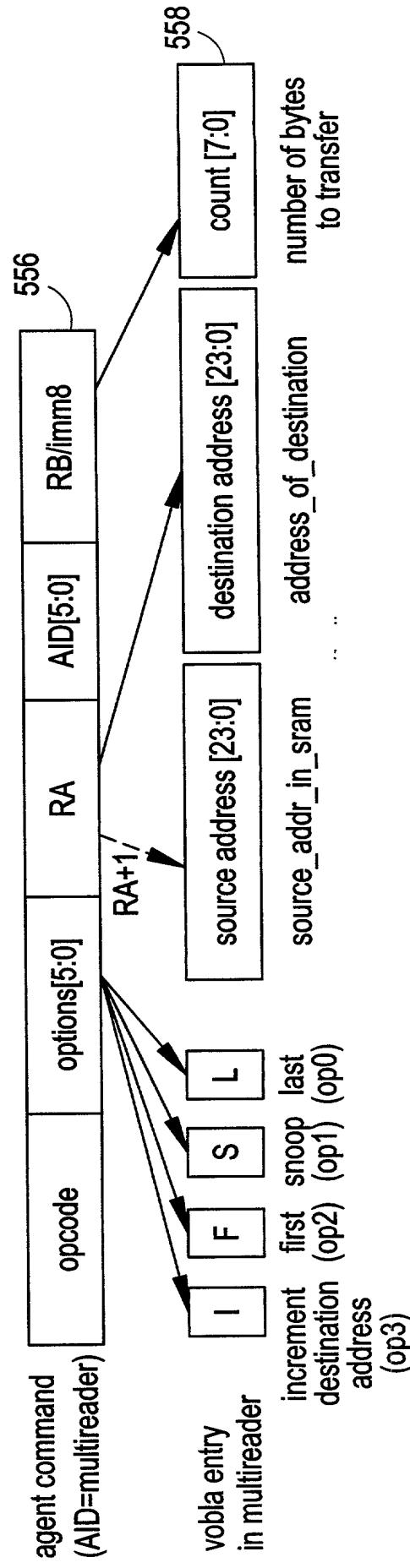




FIG. 48



**FIG. 49****FIG. 50**



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FIG. 51

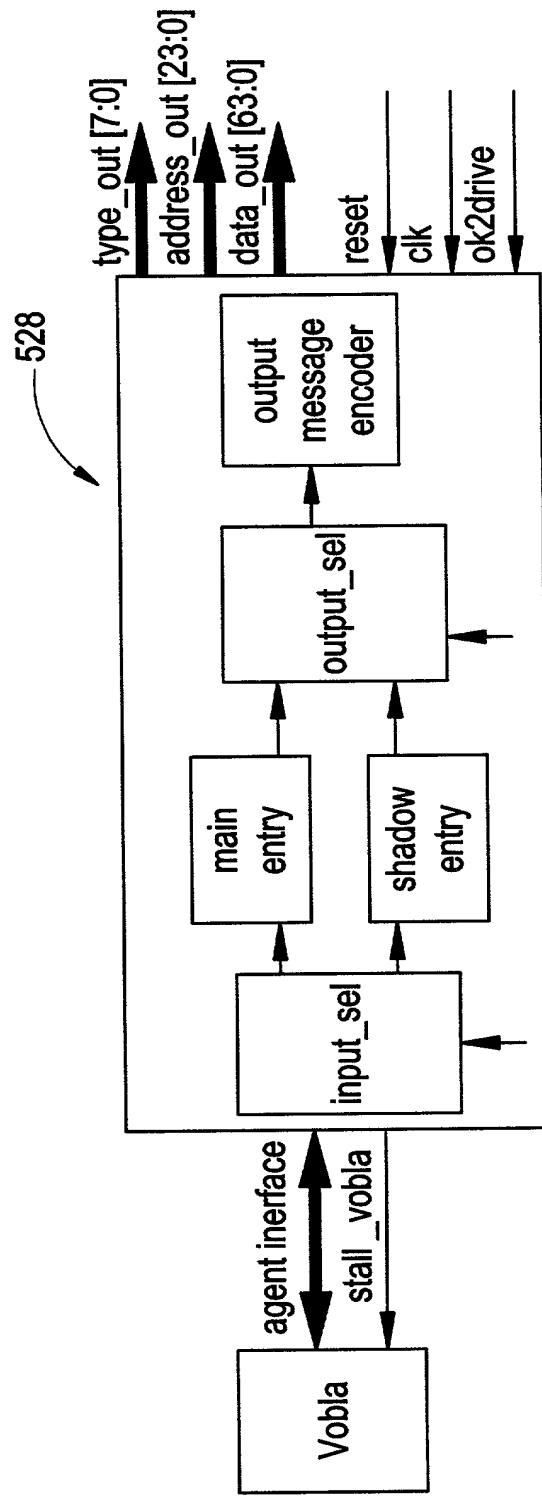




FIG. 52

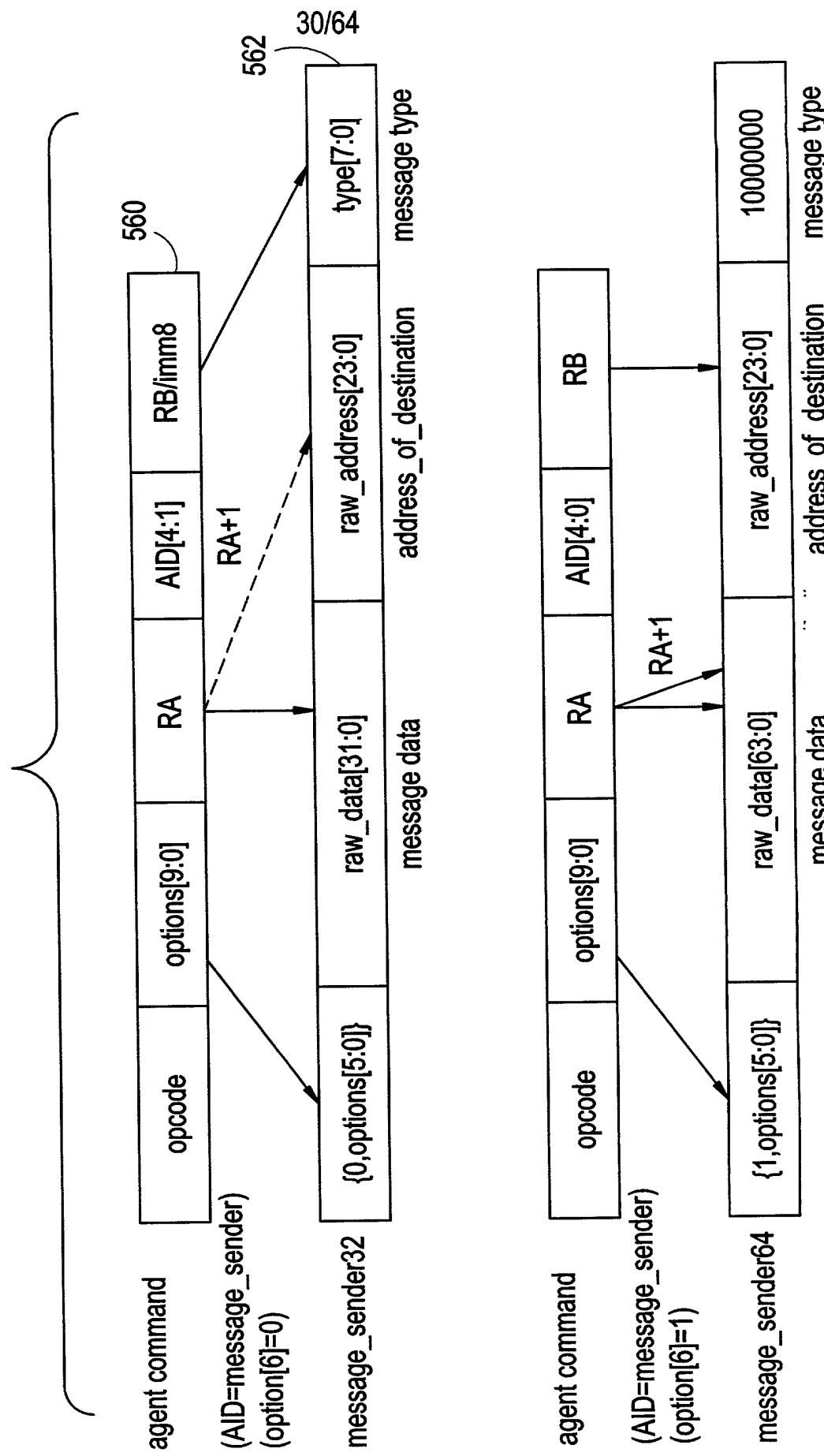




FIG. 53

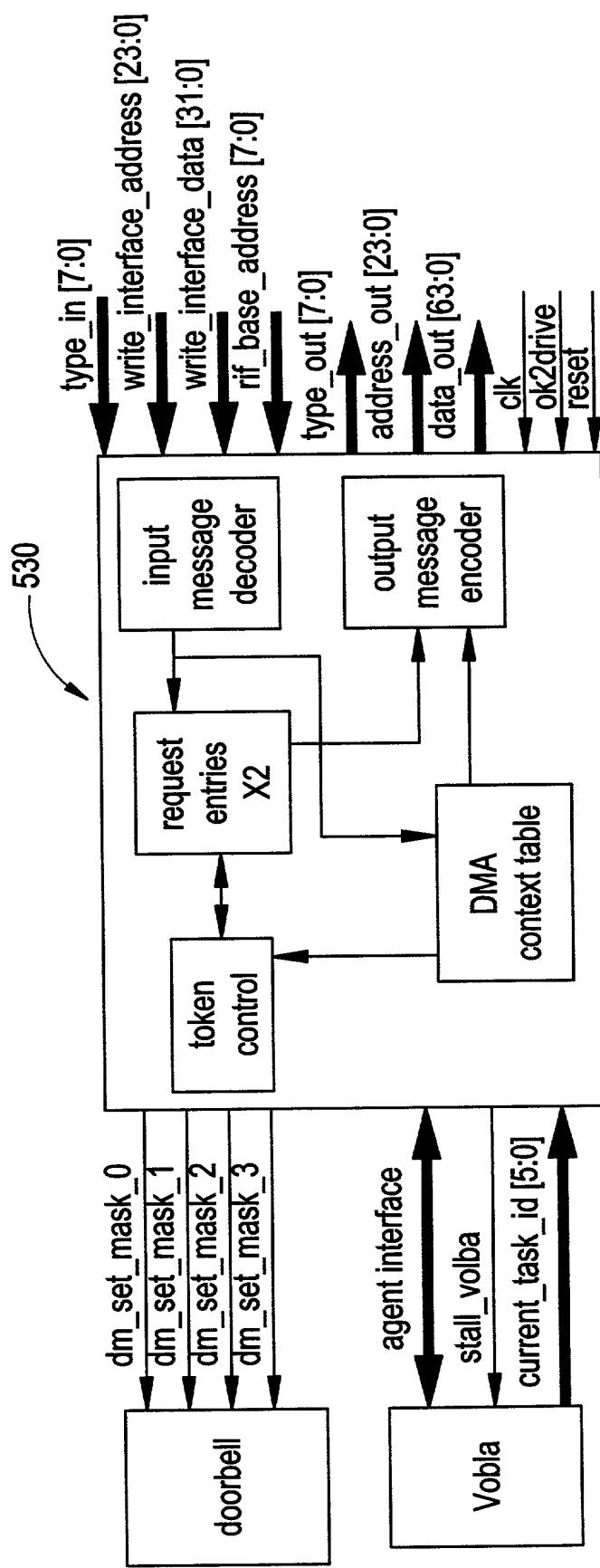




FIG. 54

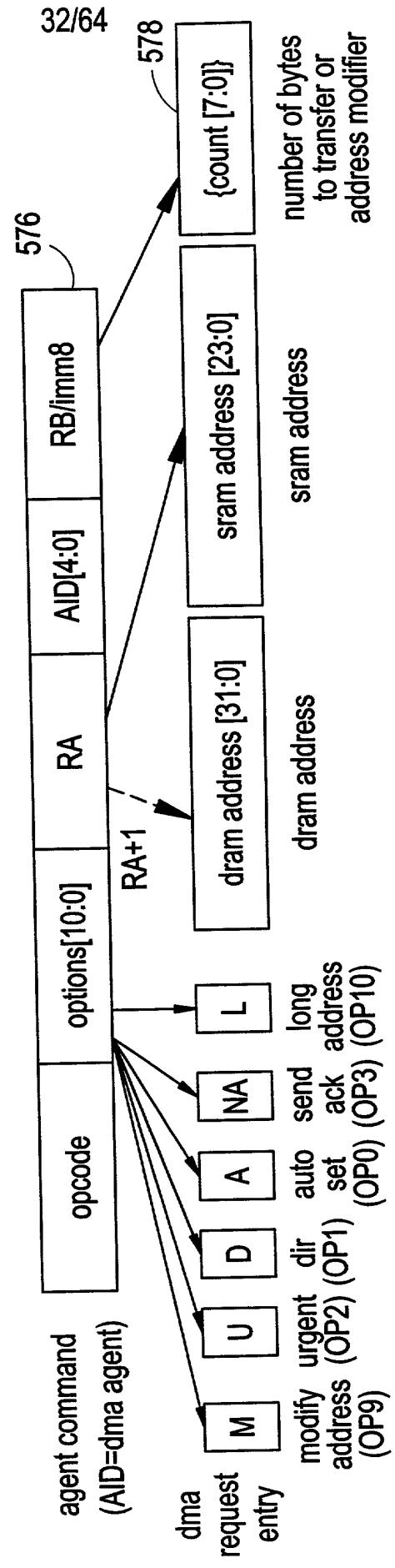
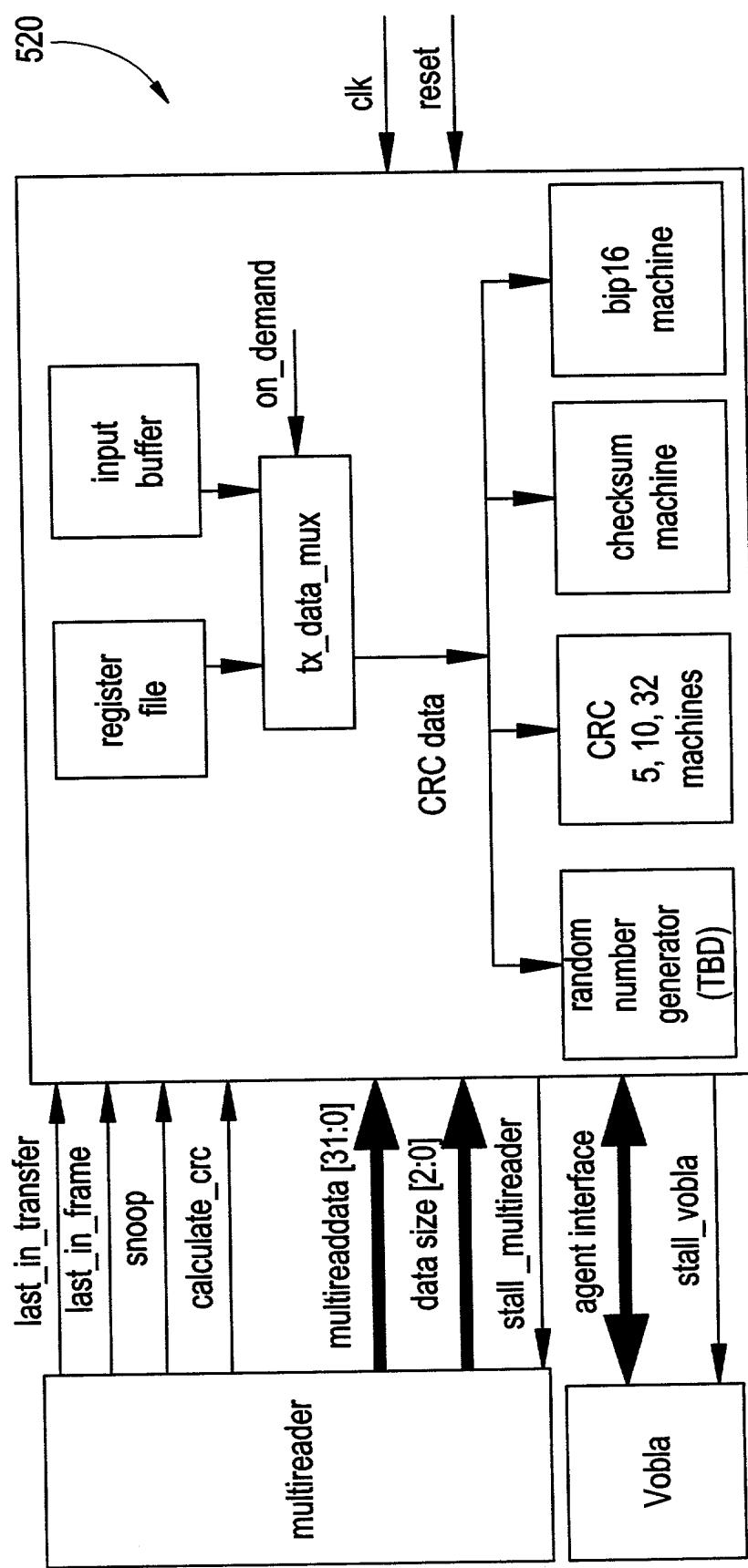




FIG. 55





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FIG. 56

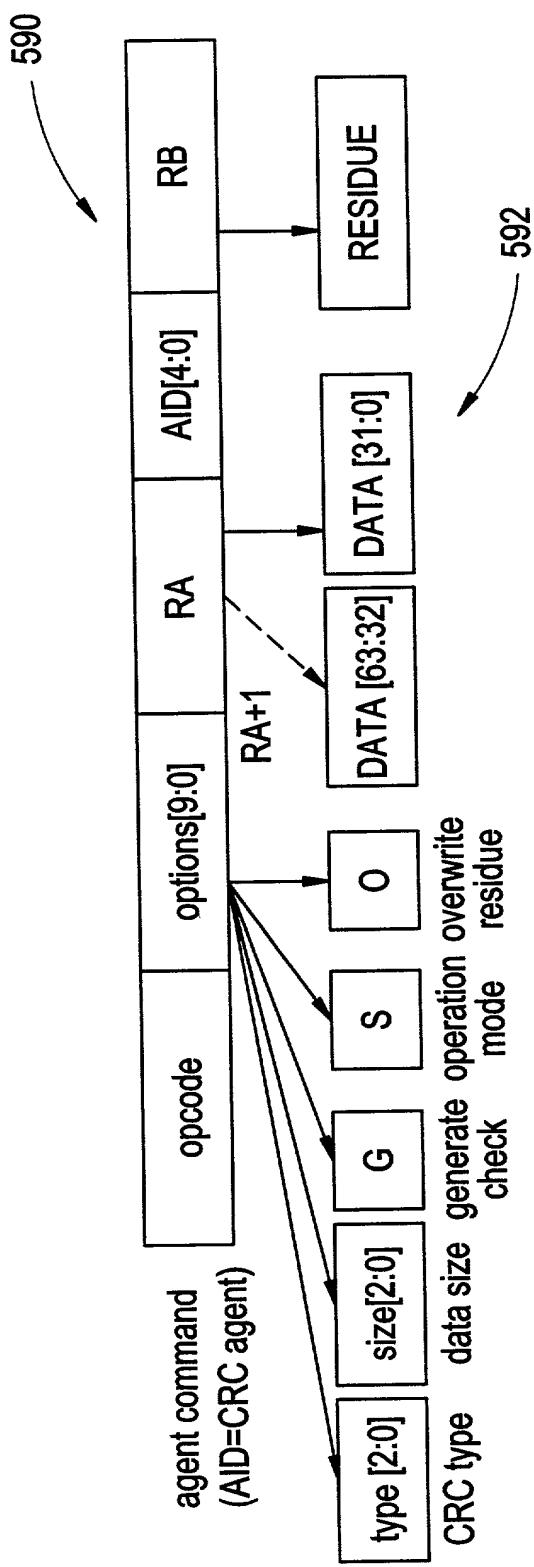




FIG. 57

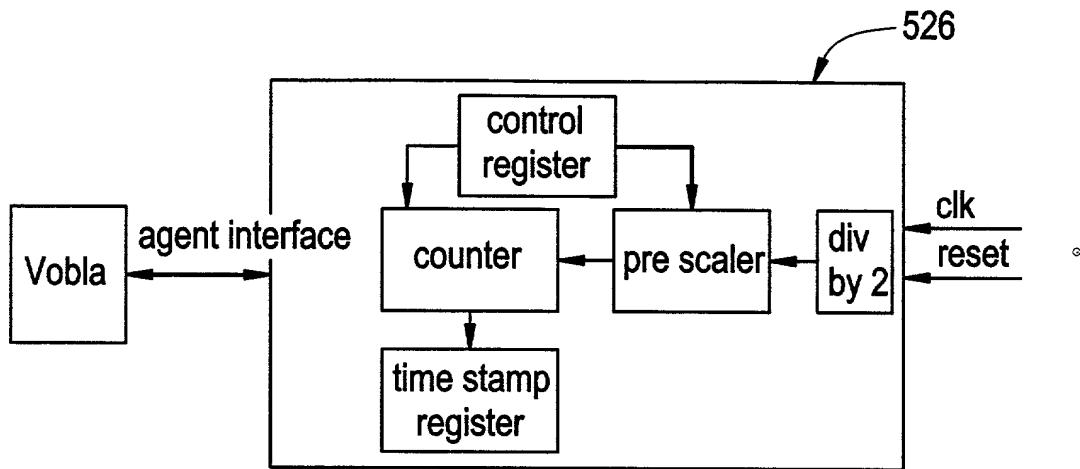


FIG. 58

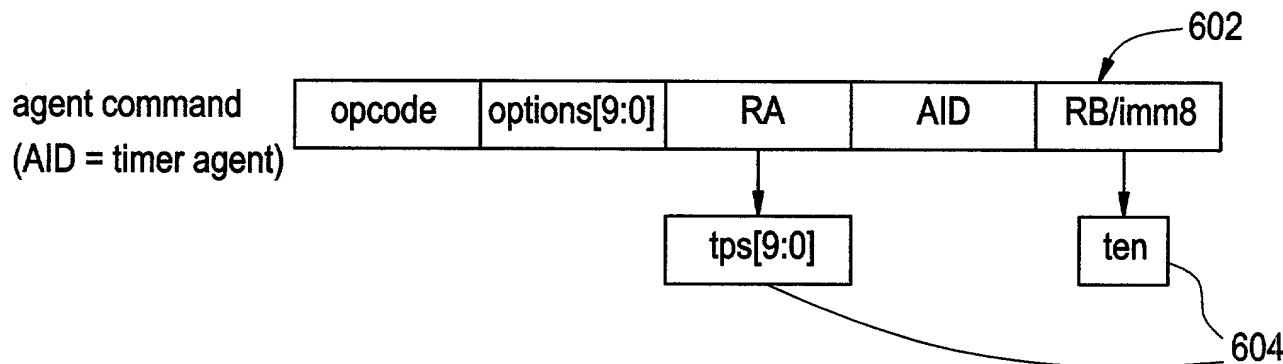




FIG. 59

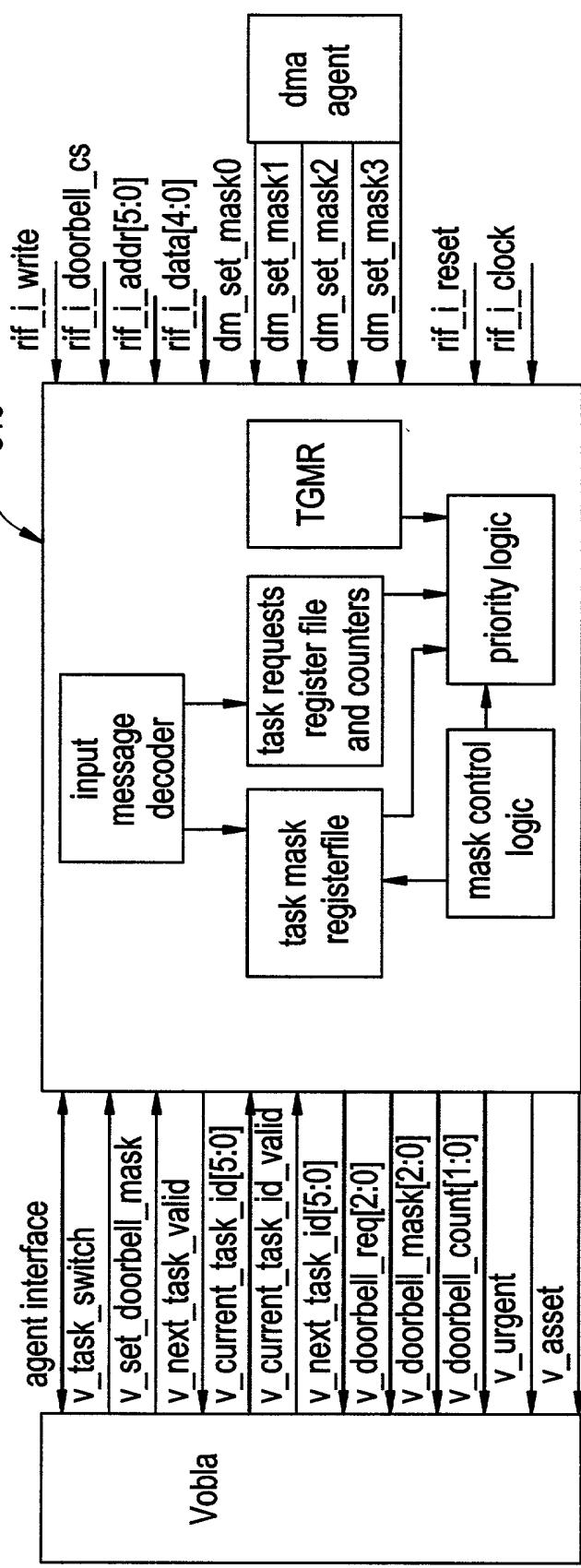


FIG. 60

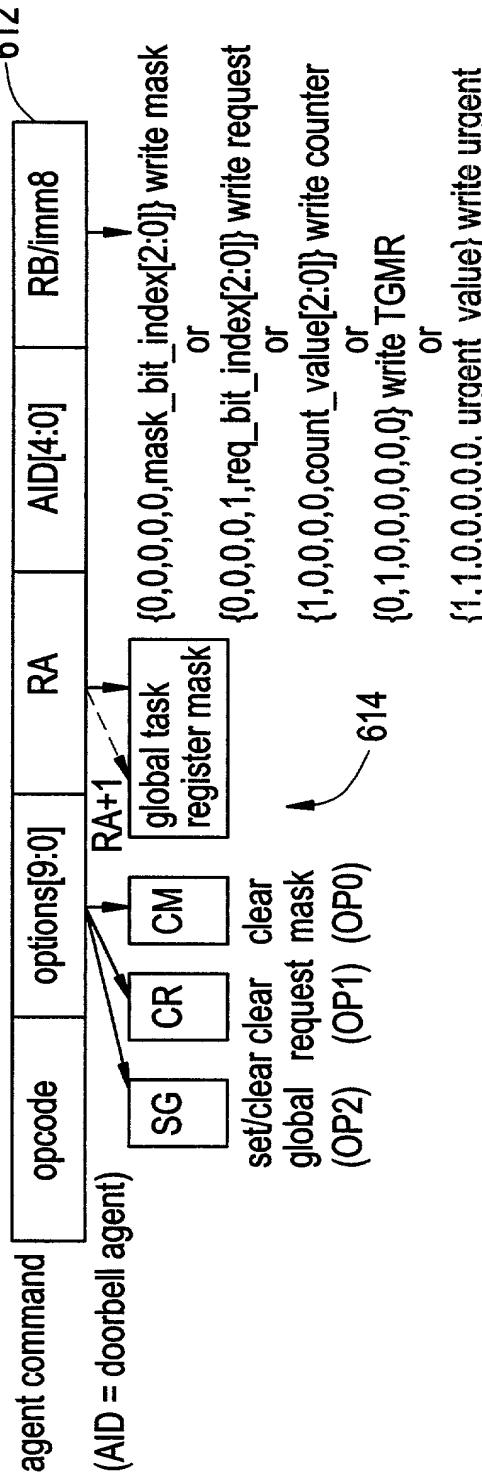




FIG. 61

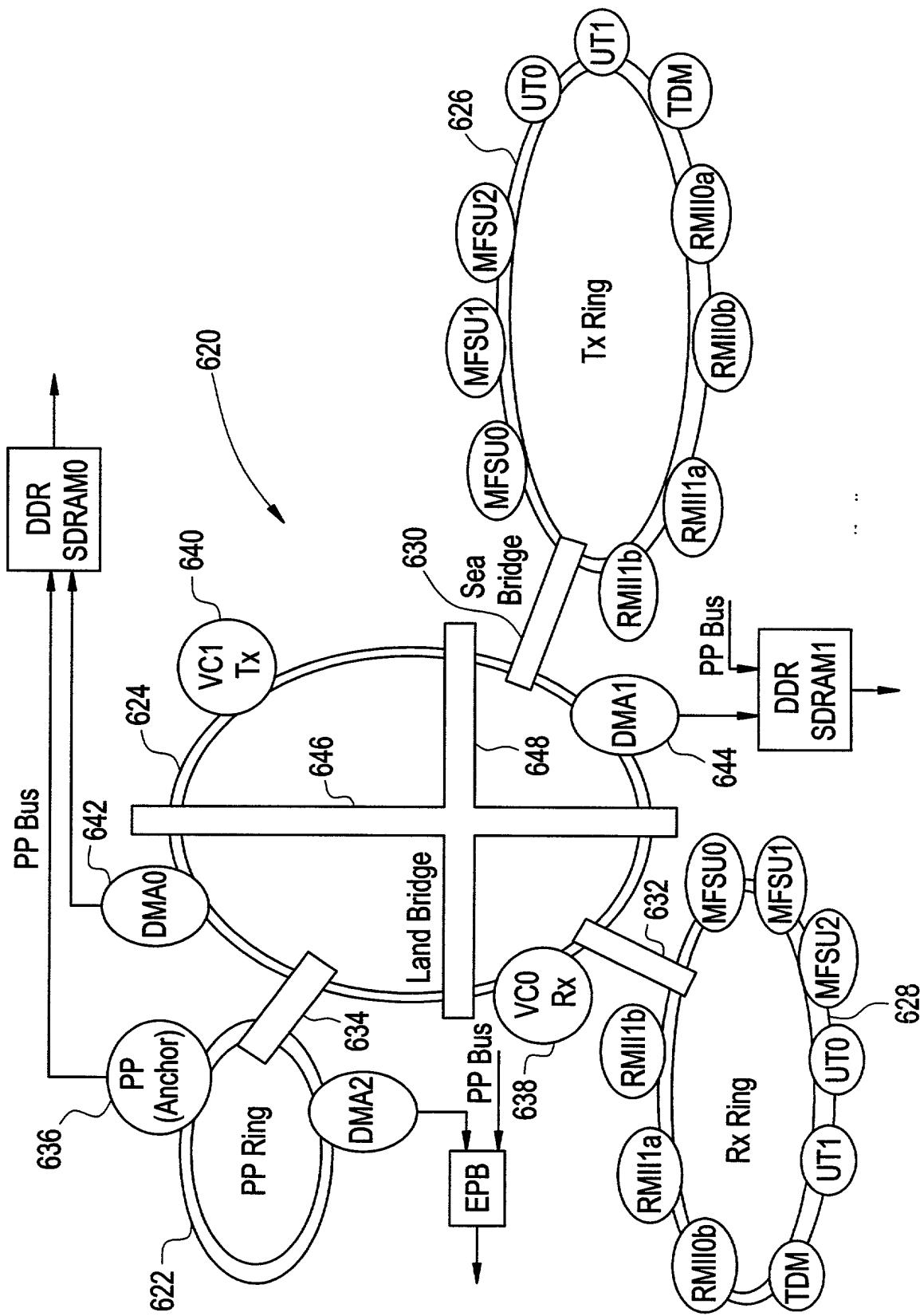




FIG. 62

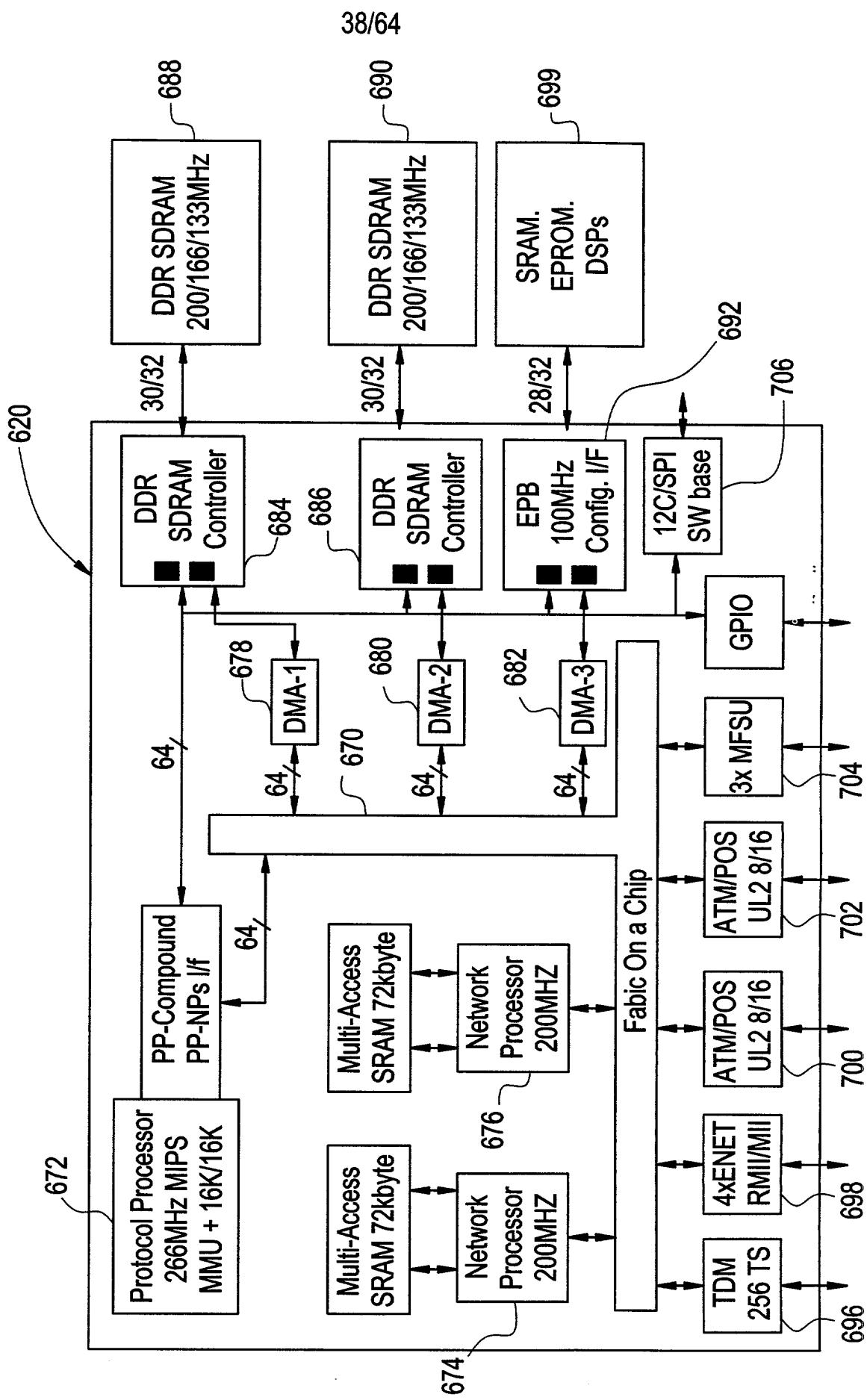




FIG. 63

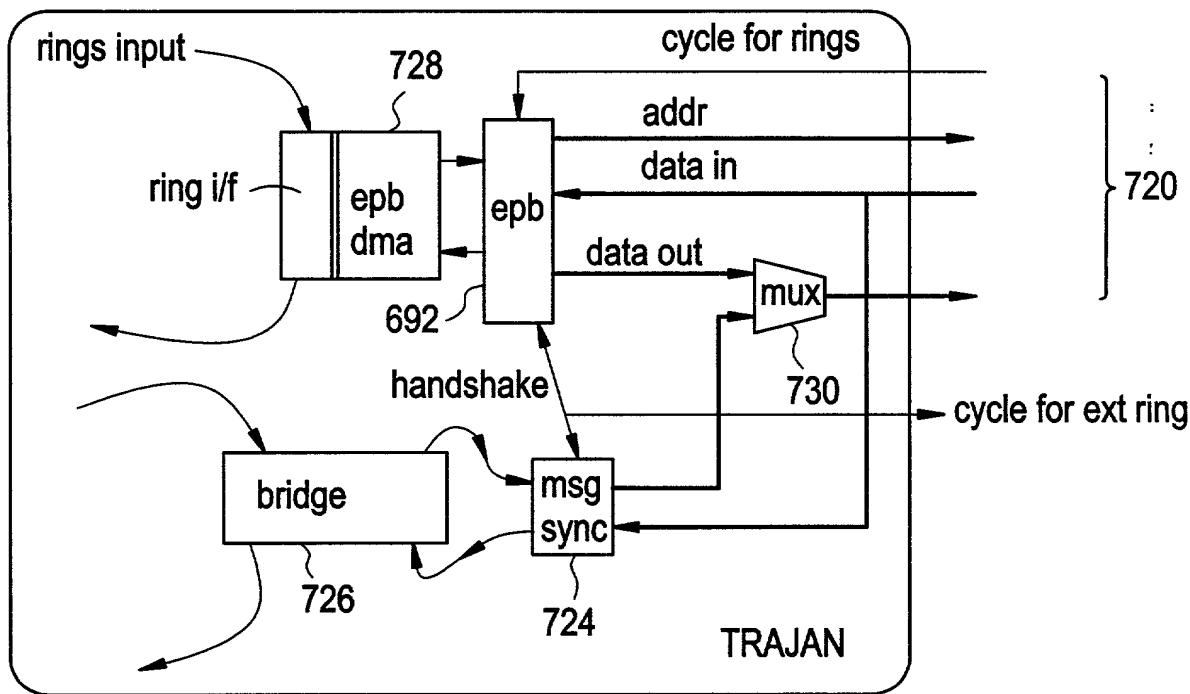
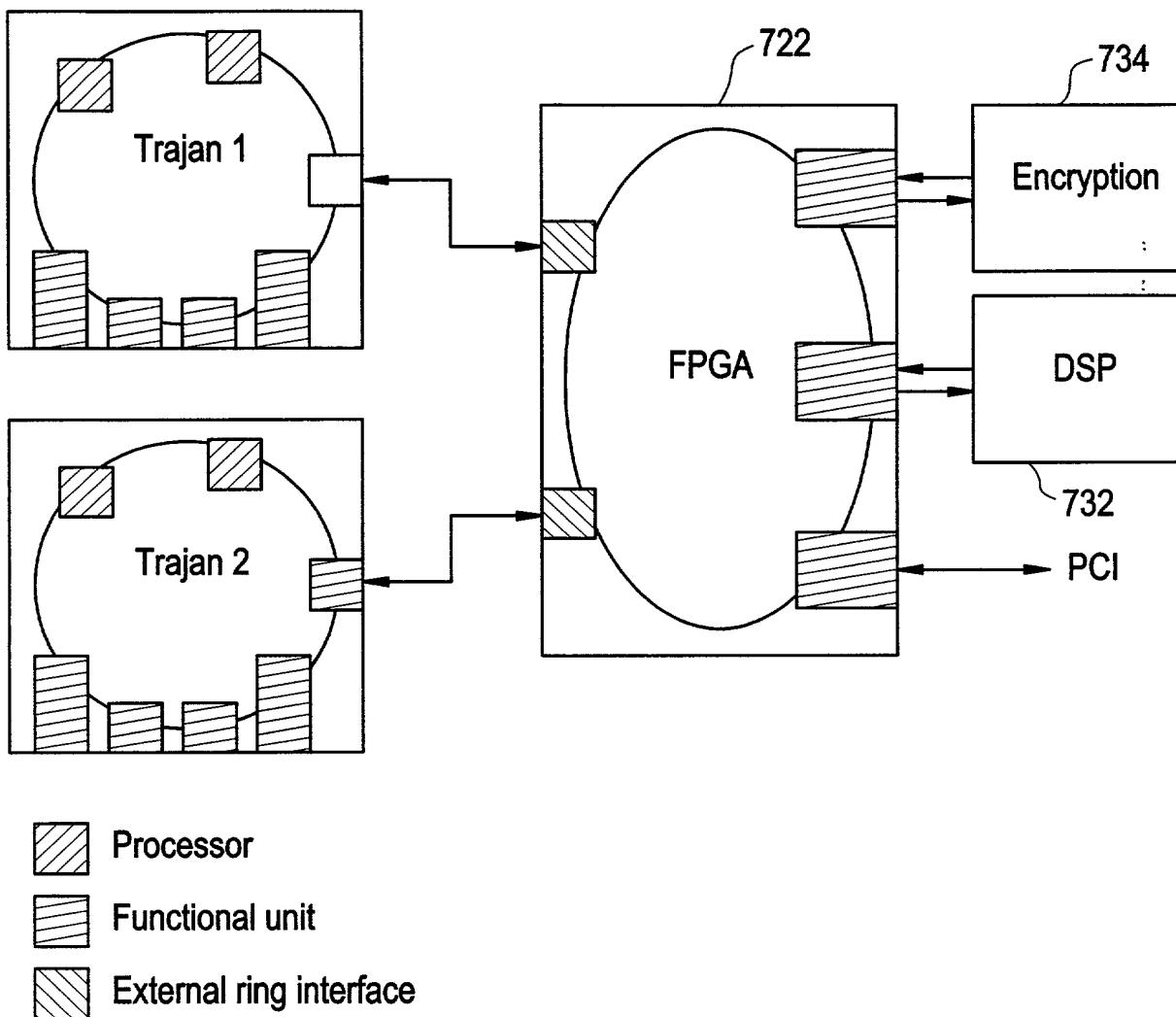




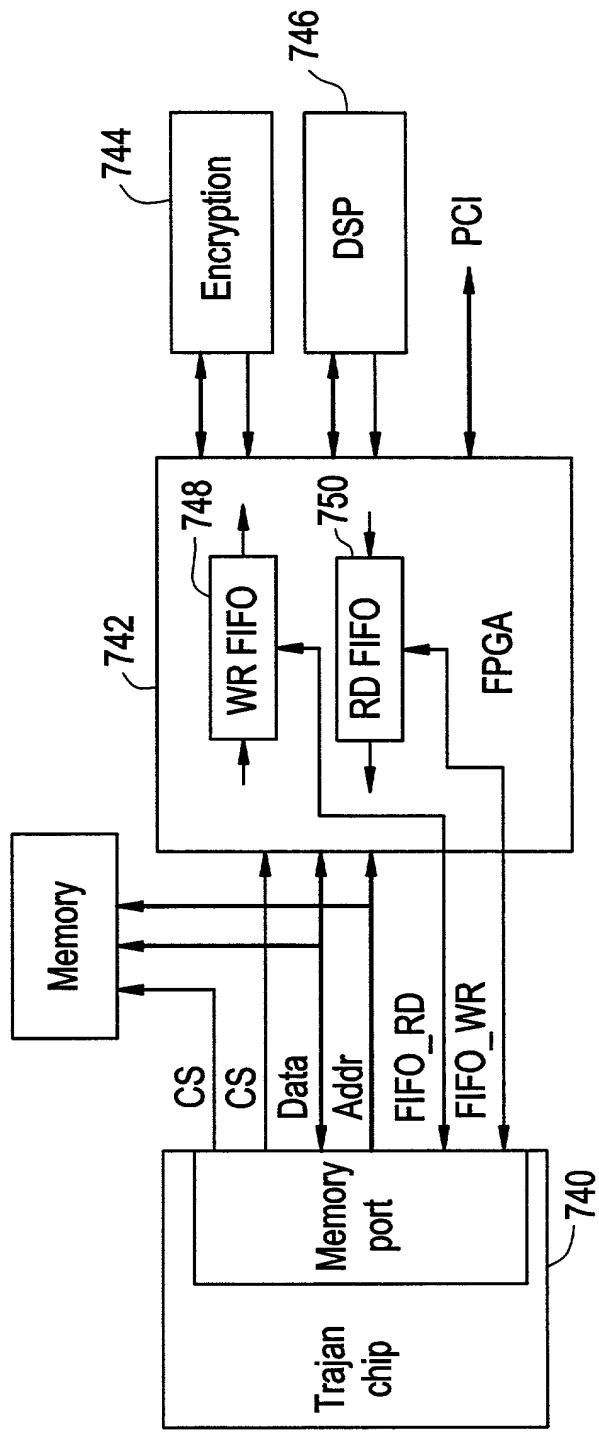
FIG. 64





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FIG. 65





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FIG. 66

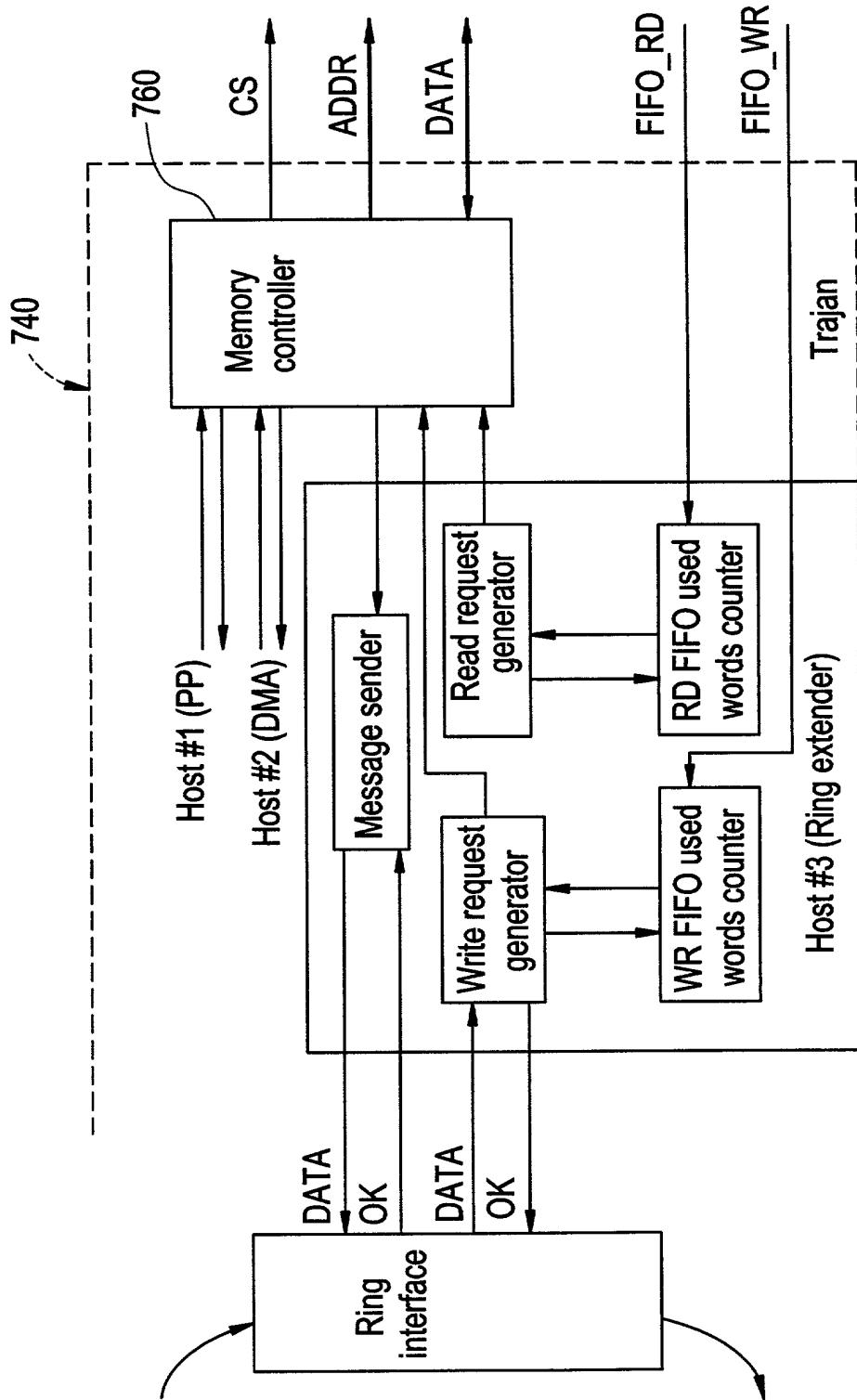




FIG. 67

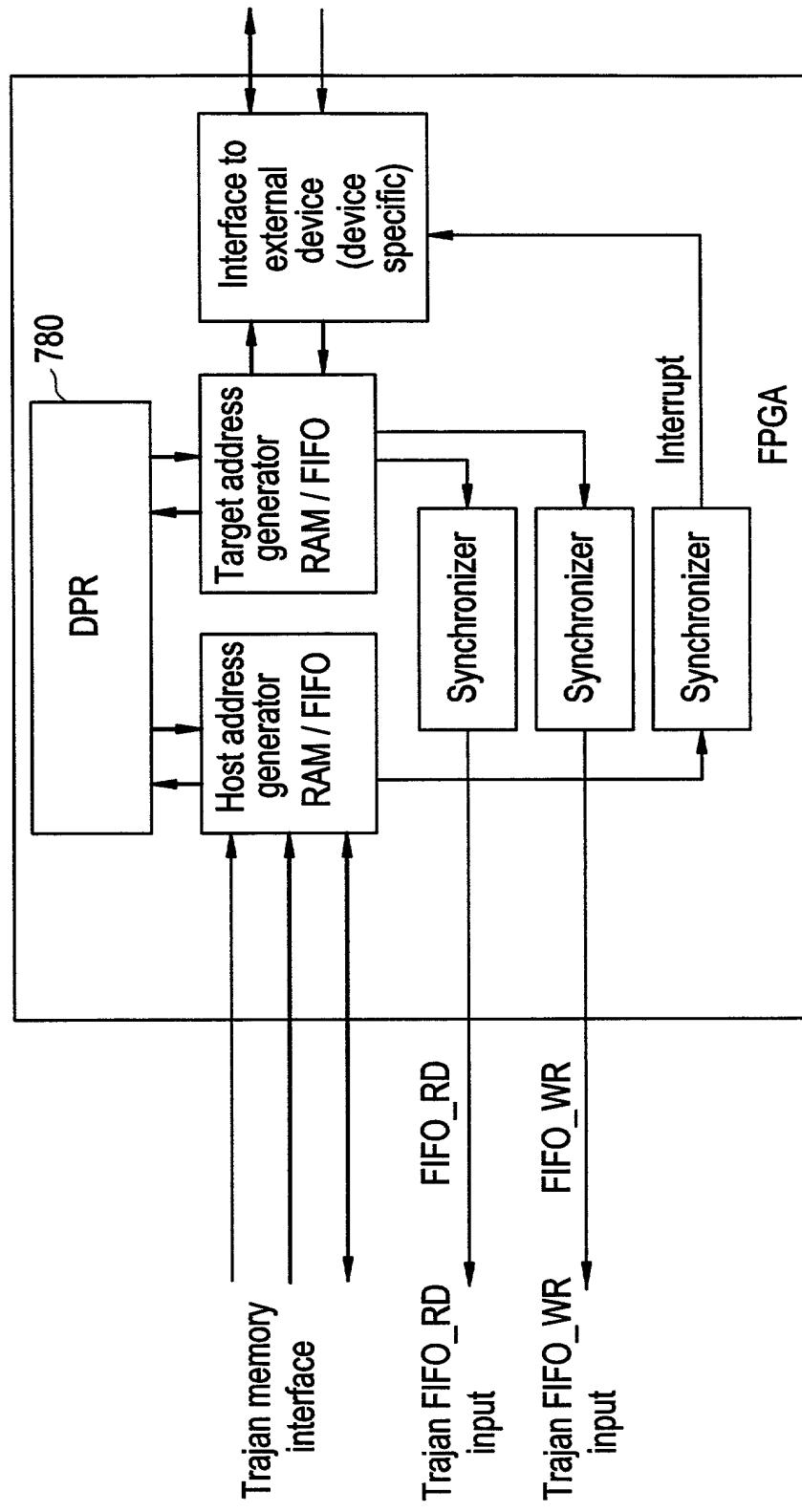




FIG. 68

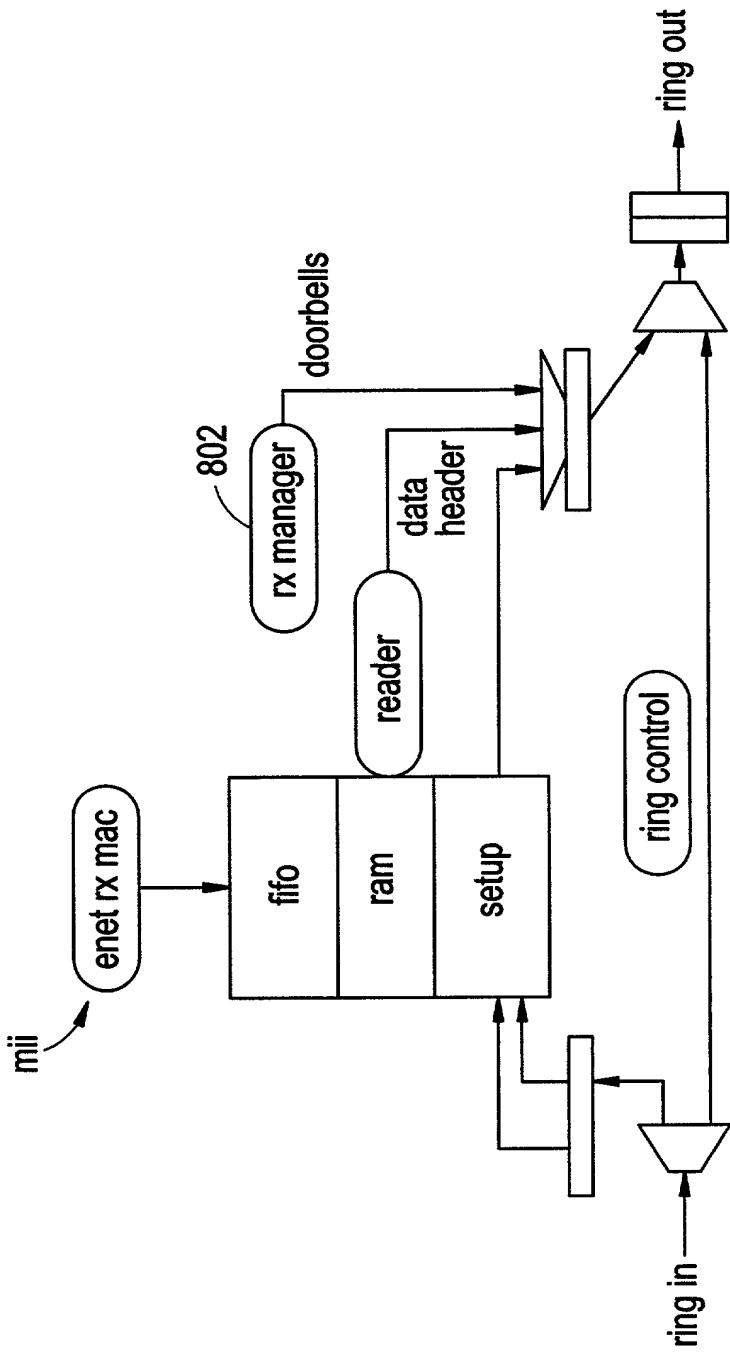
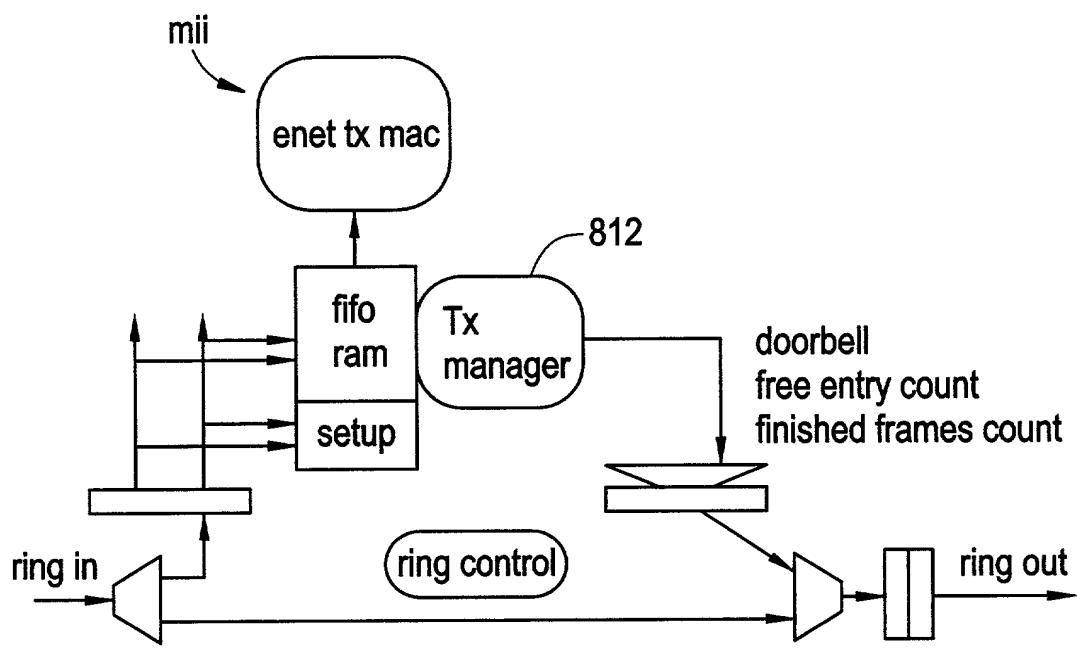




FIG. 69



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FIG. 70

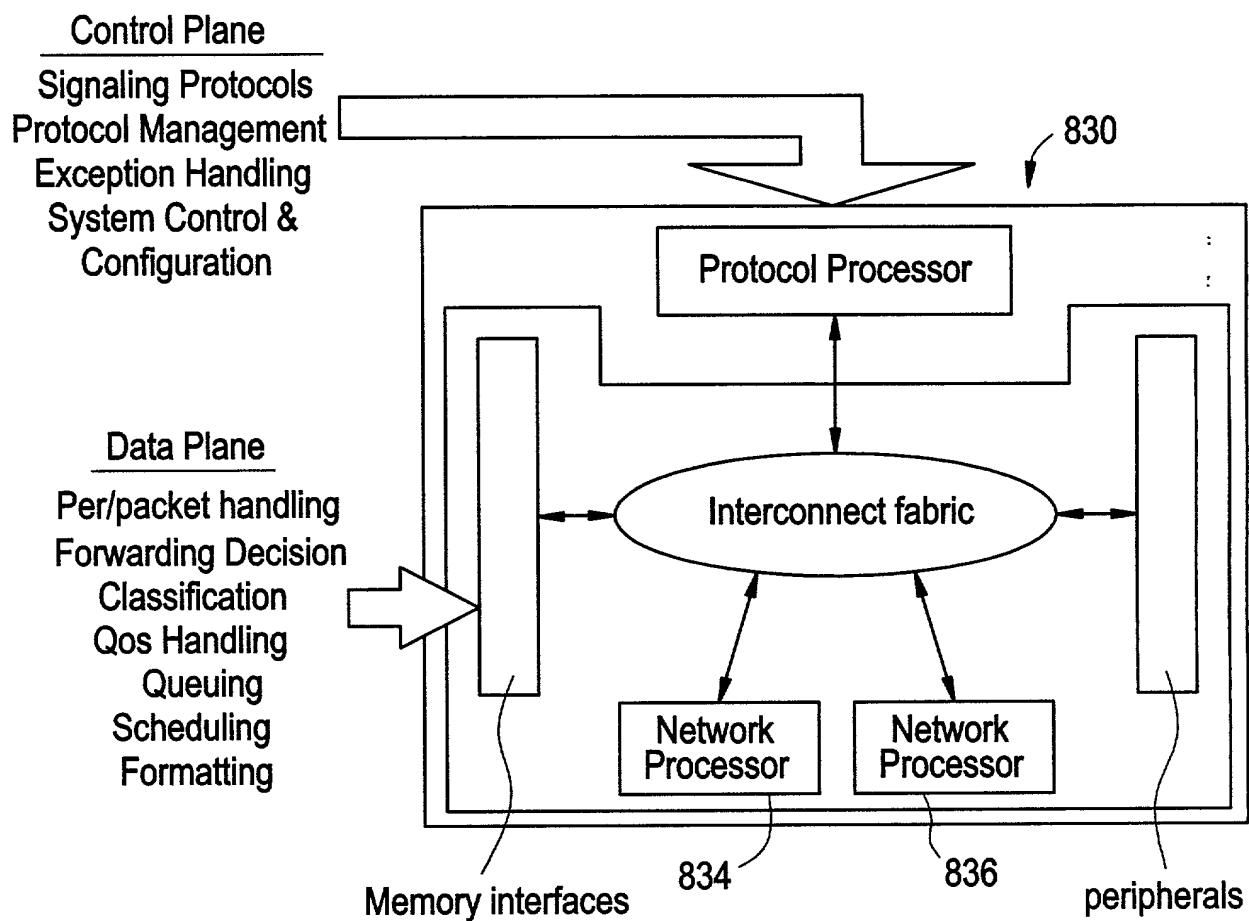


FIG. 71



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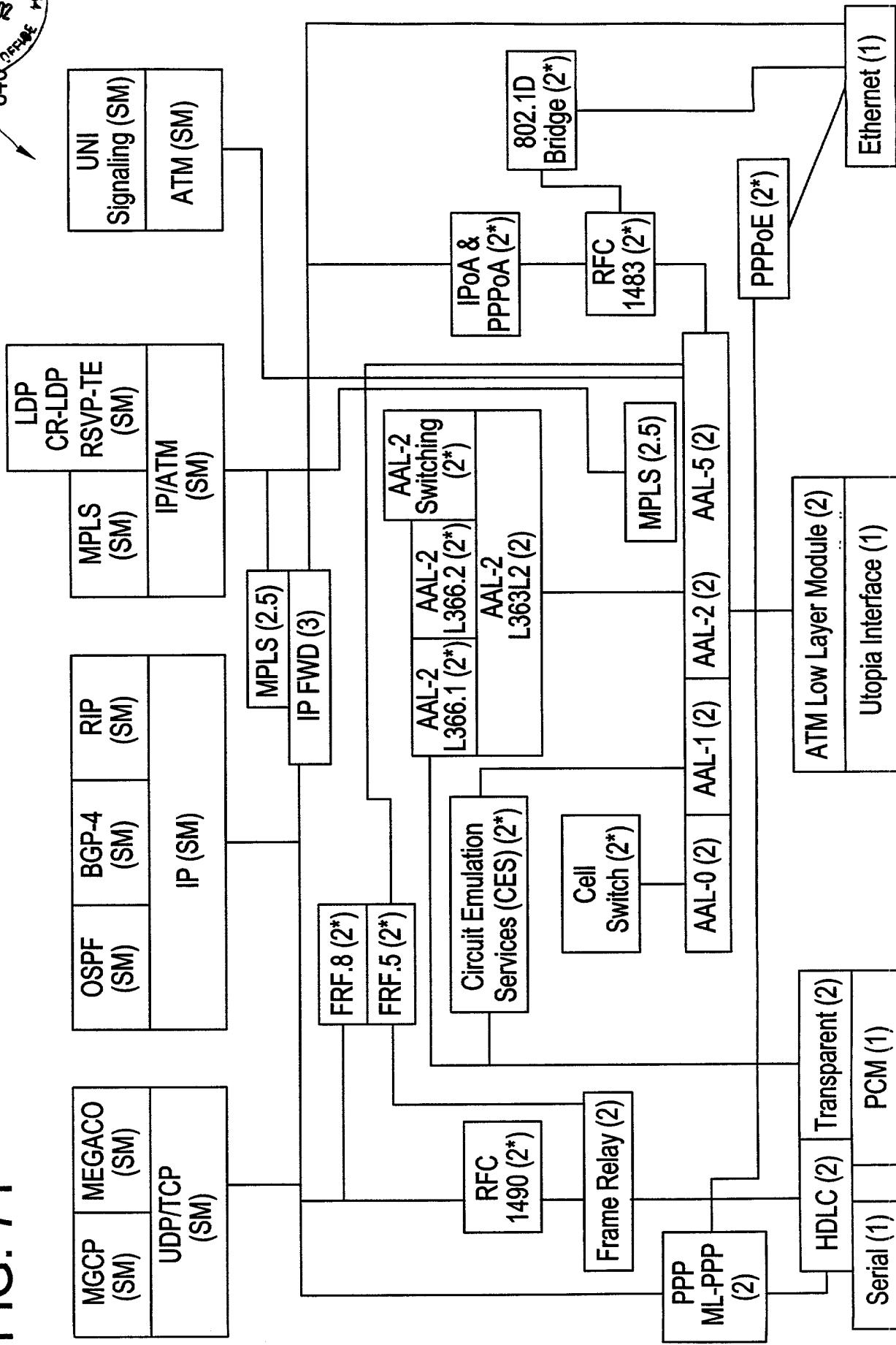




FIG. 72

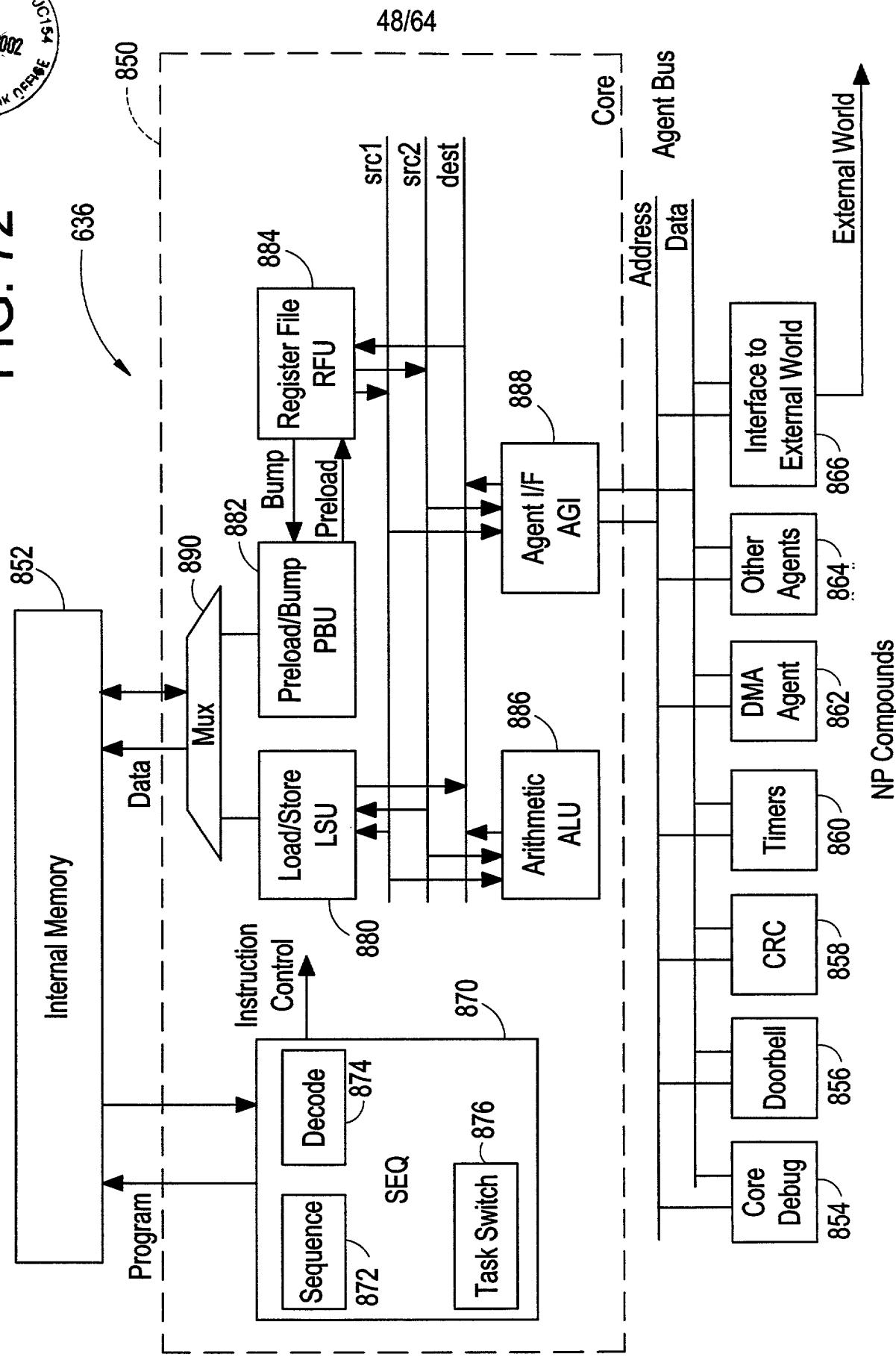




FIG. 73

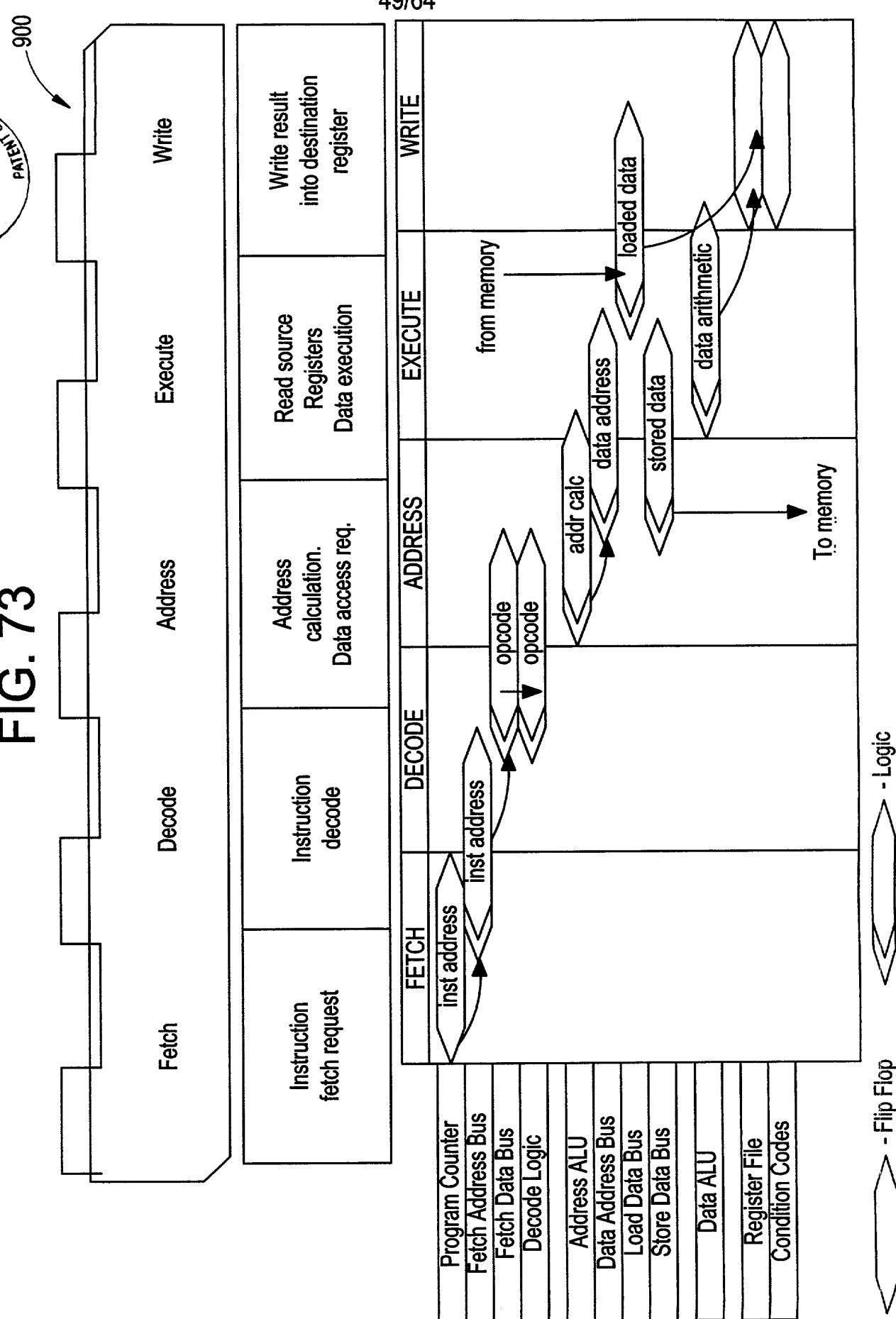




FIG. 74

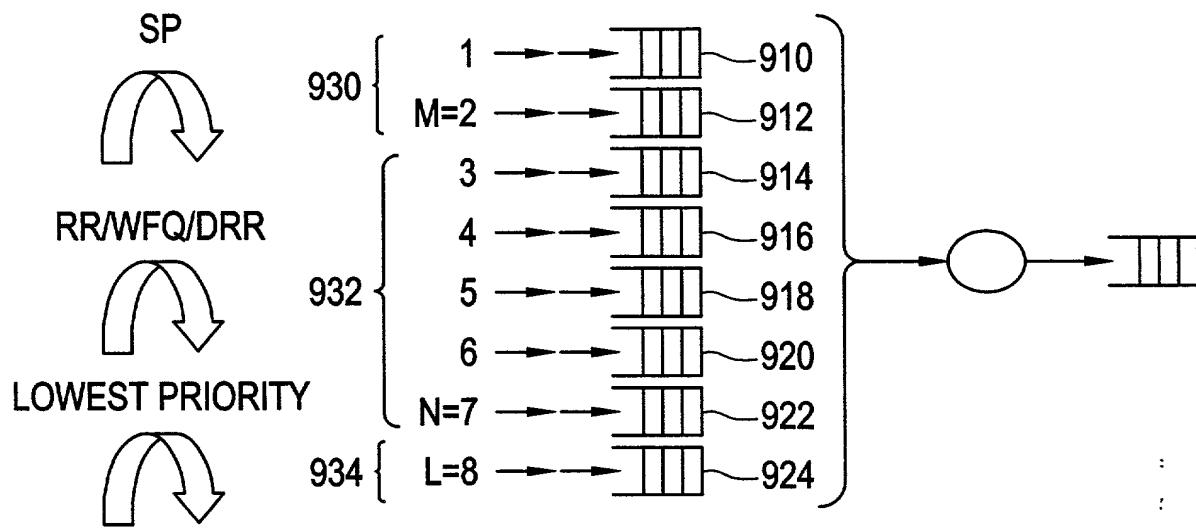
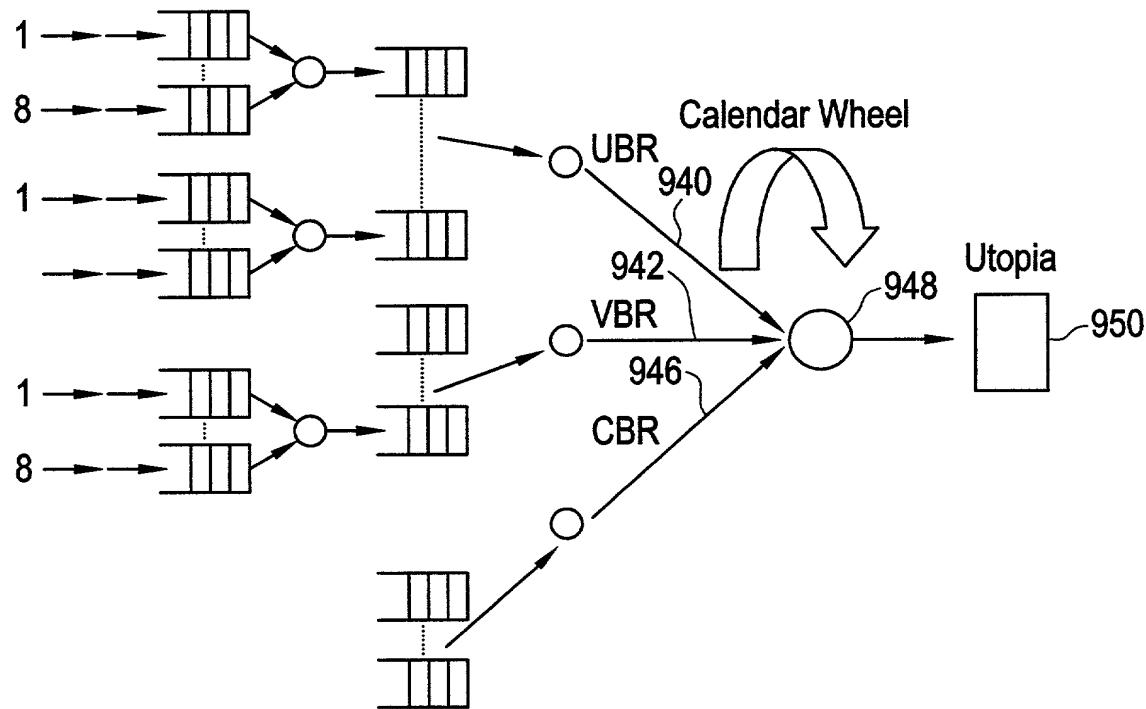


FIG. 75

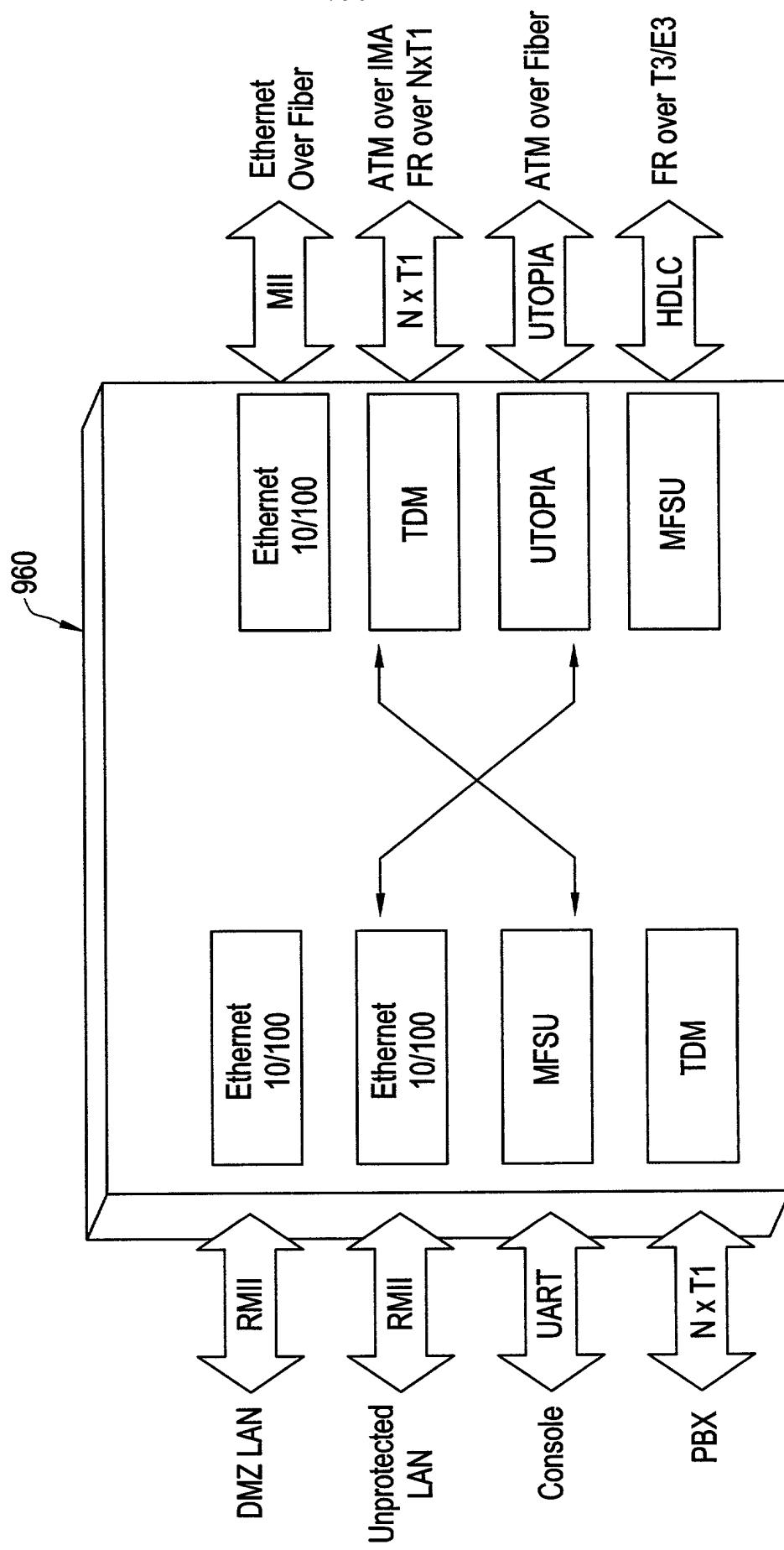


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FIG. 76





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FIG. 77

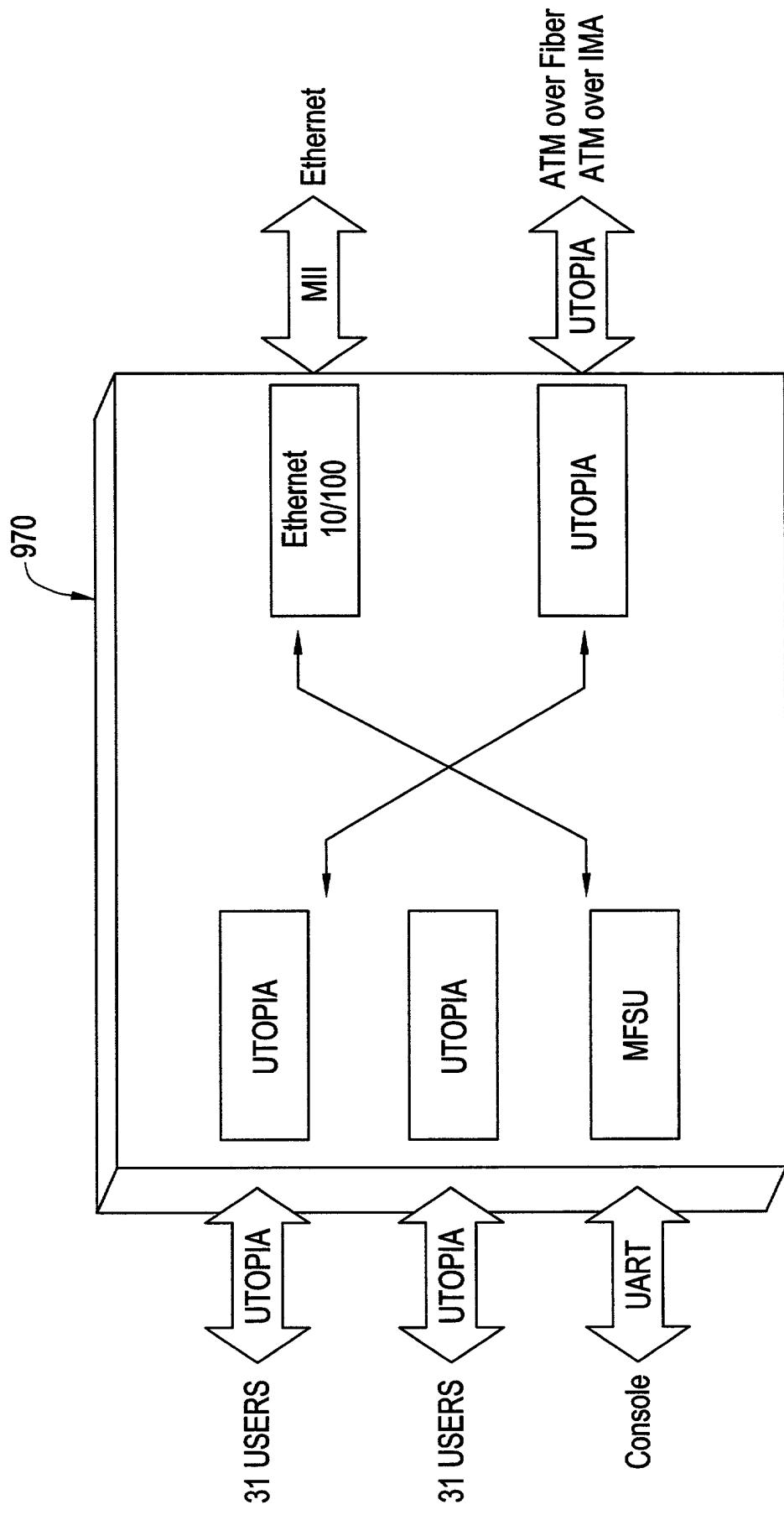
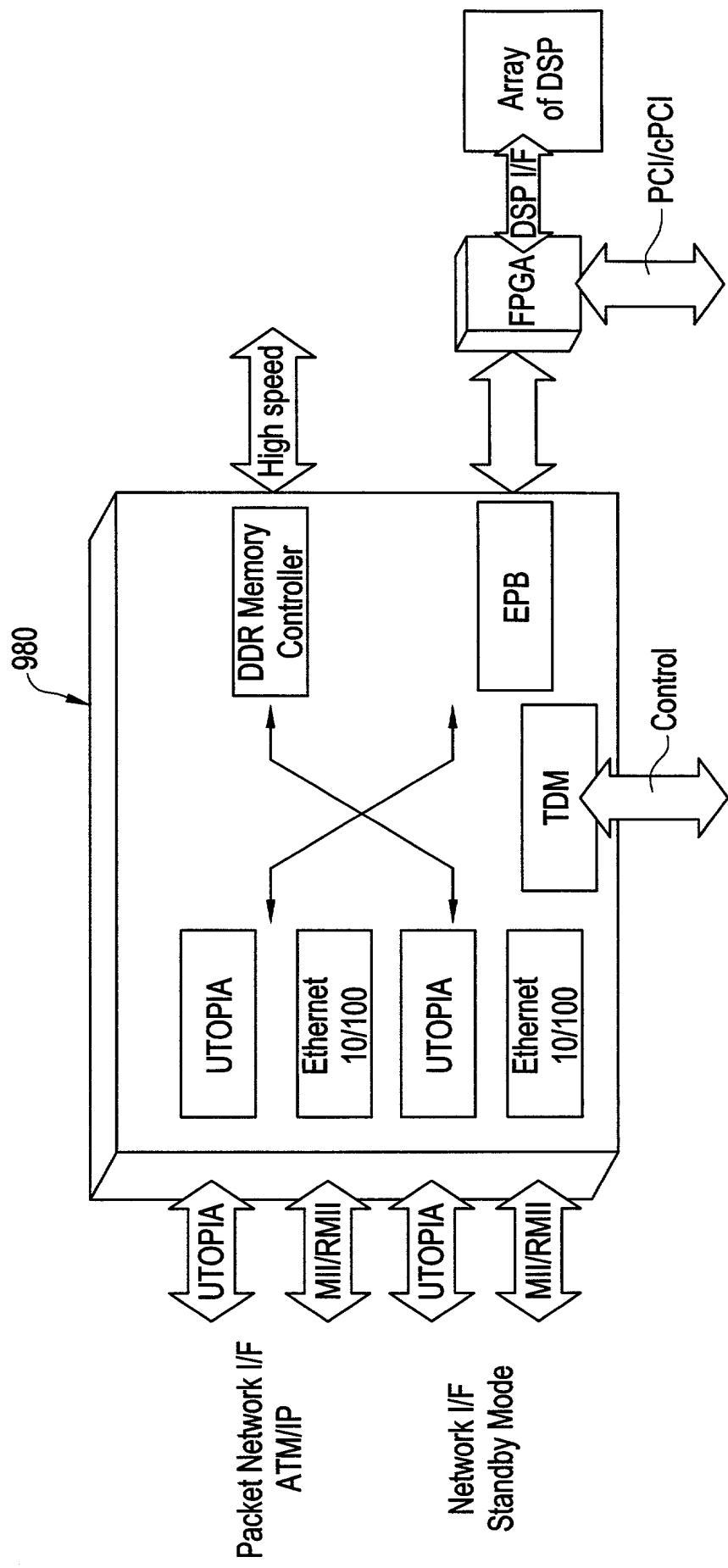




FIG. 78





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FIG. 79

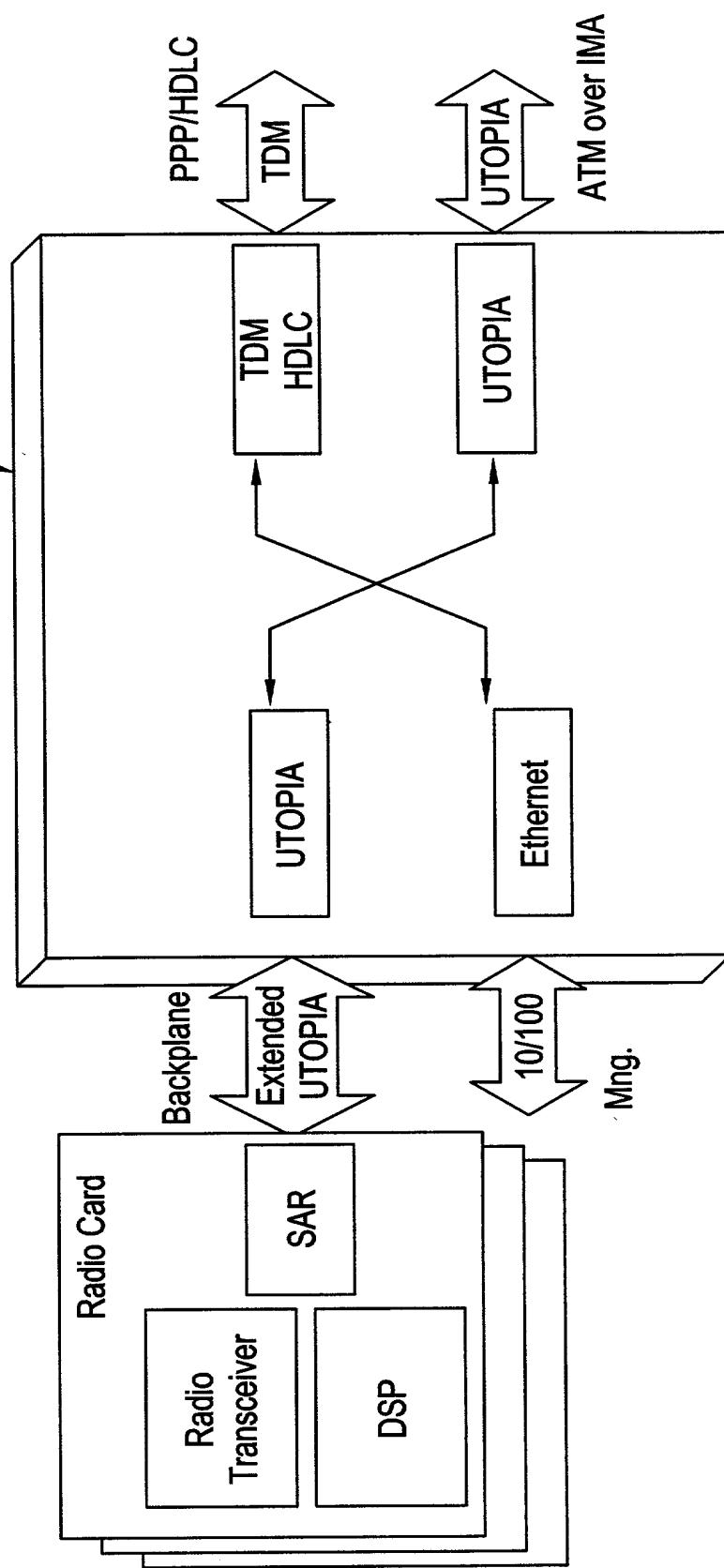




FIG. 80

1000

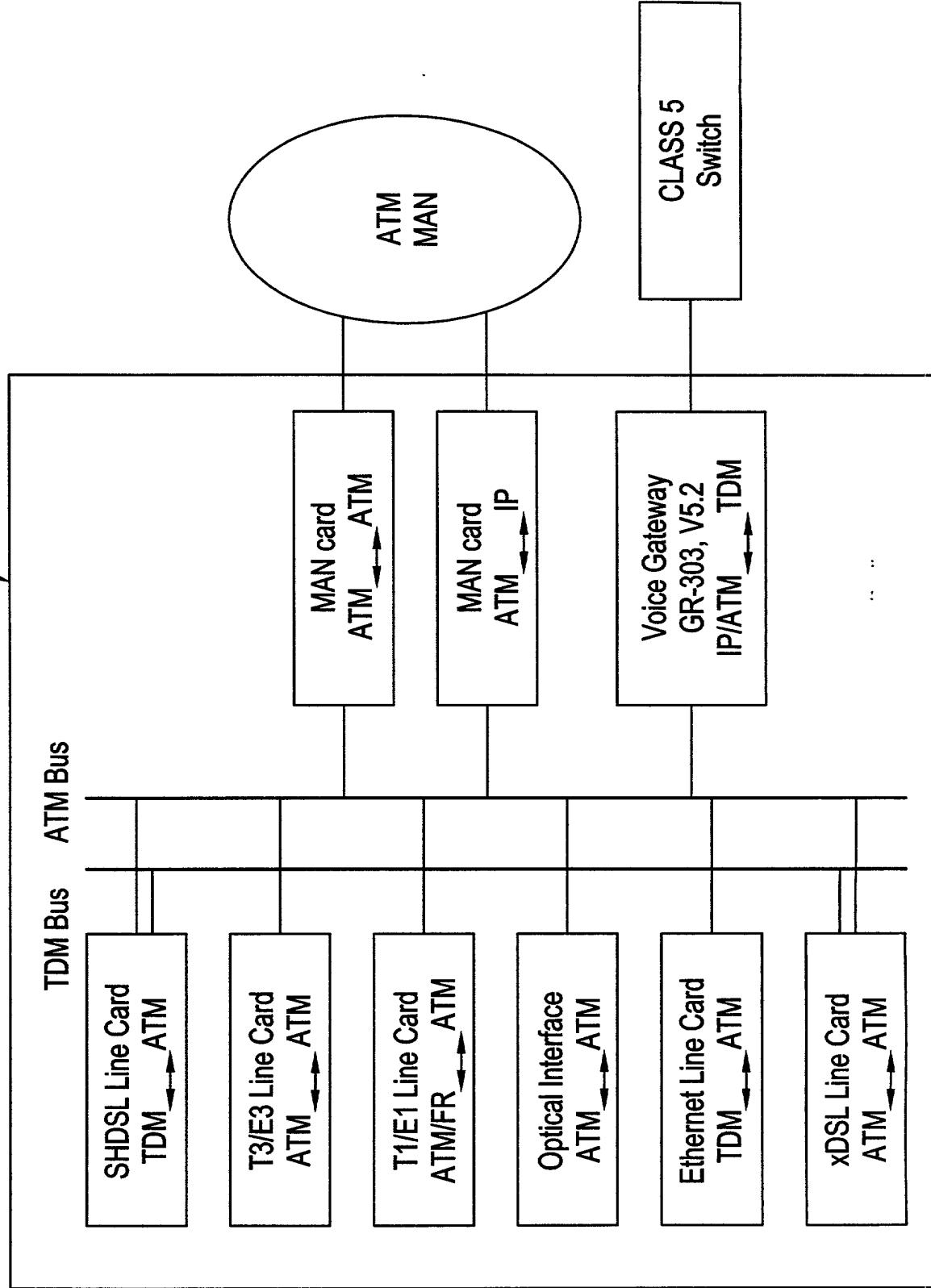




FIG. 81

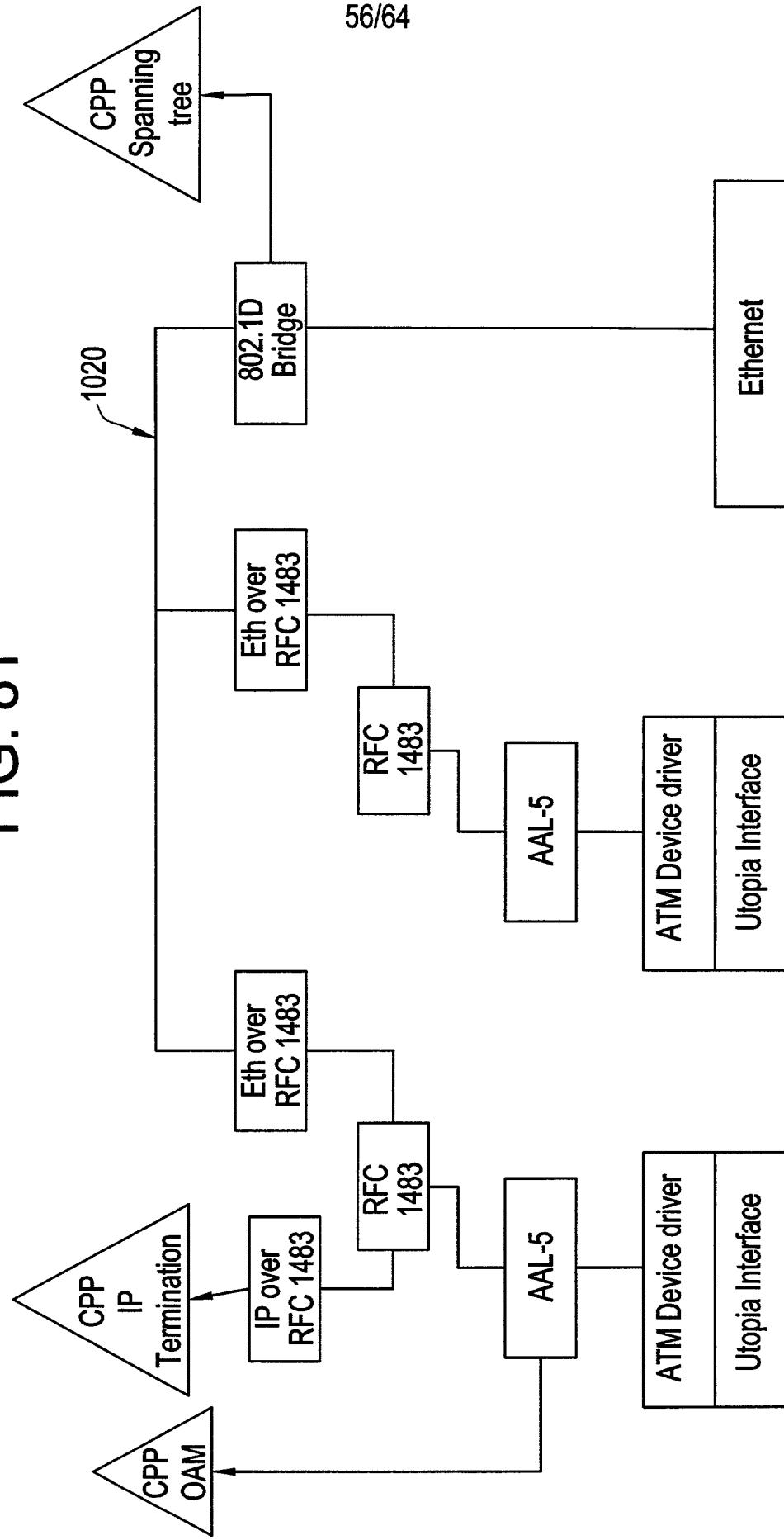




FIG. 82

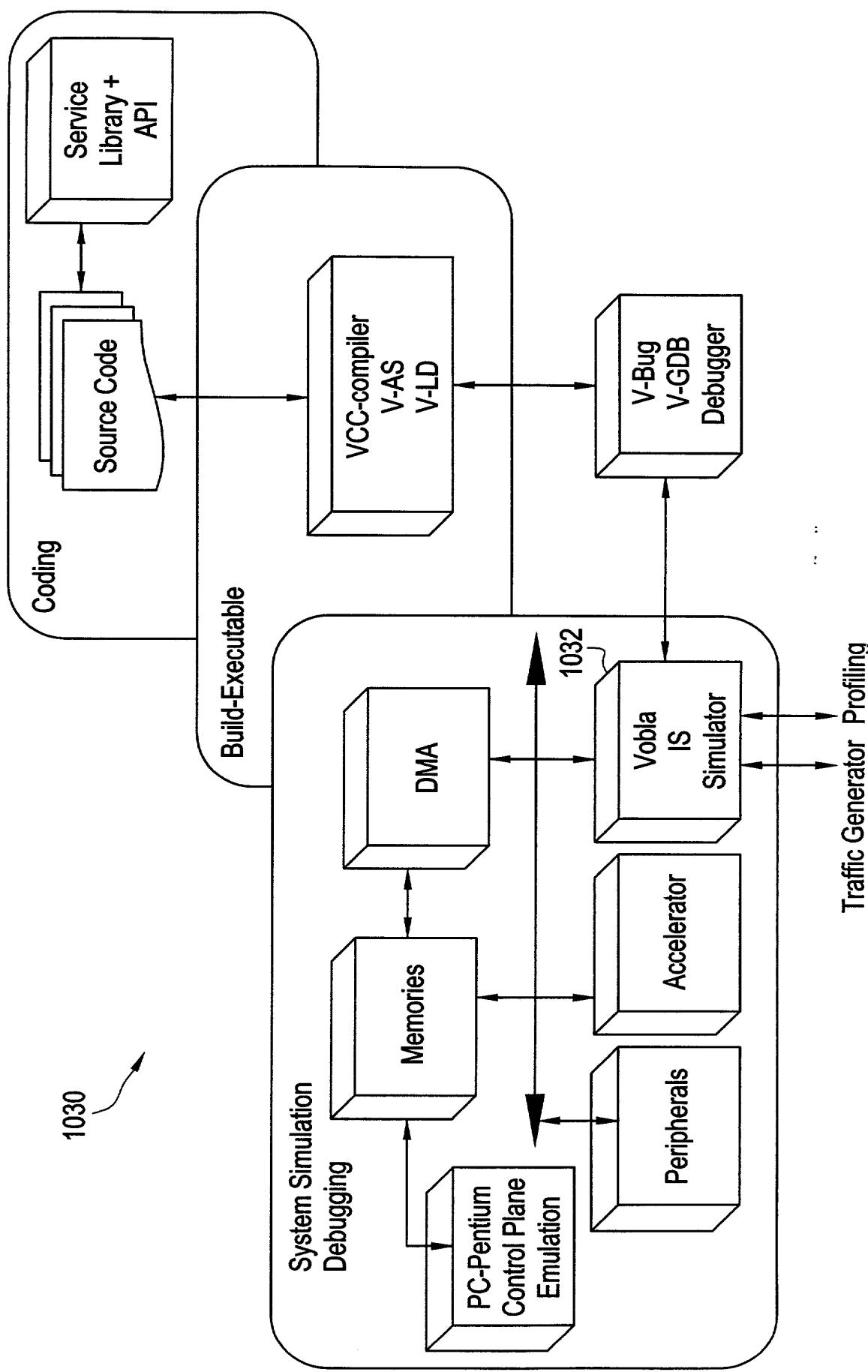




FIG. 83

1040

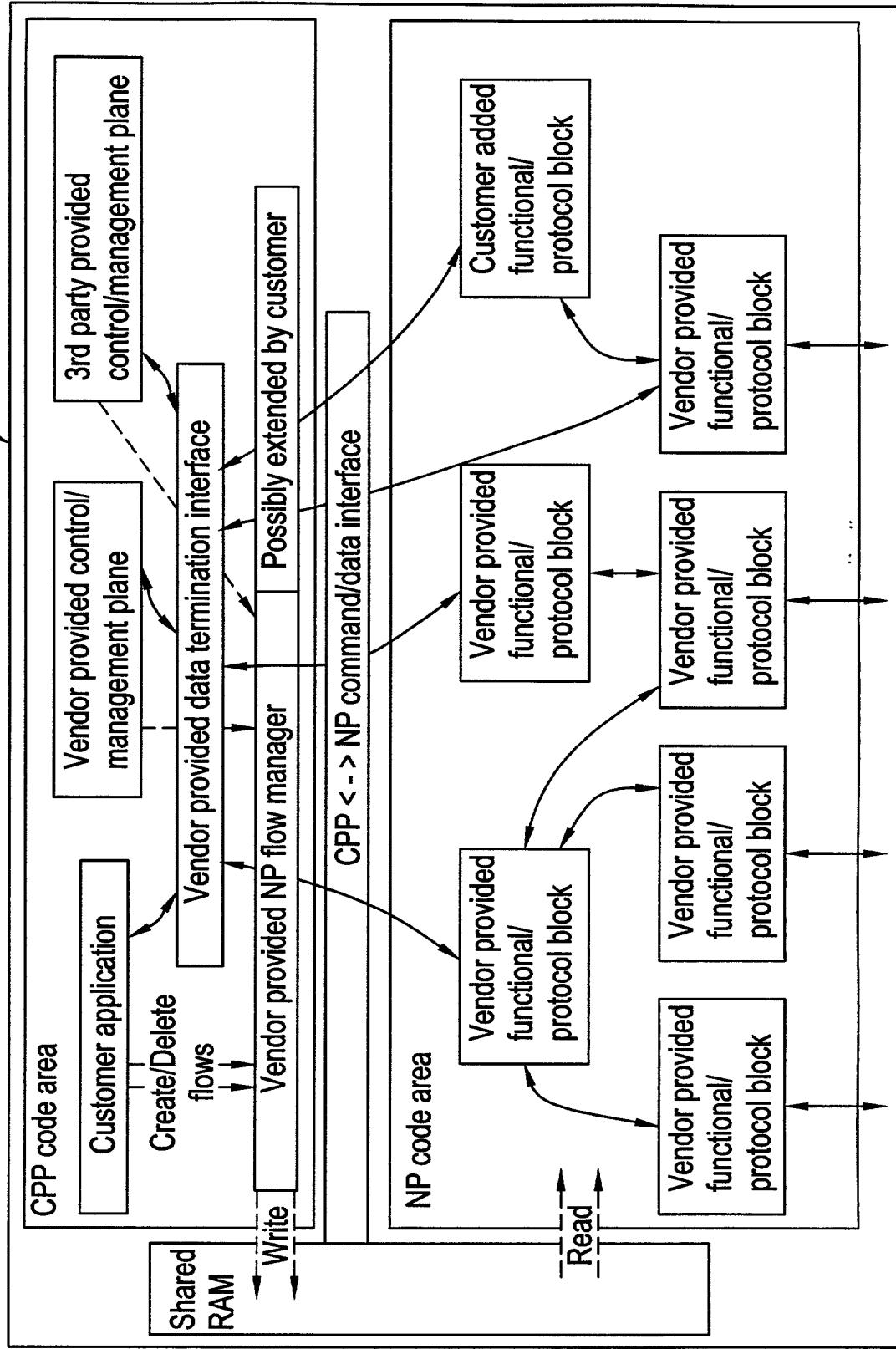
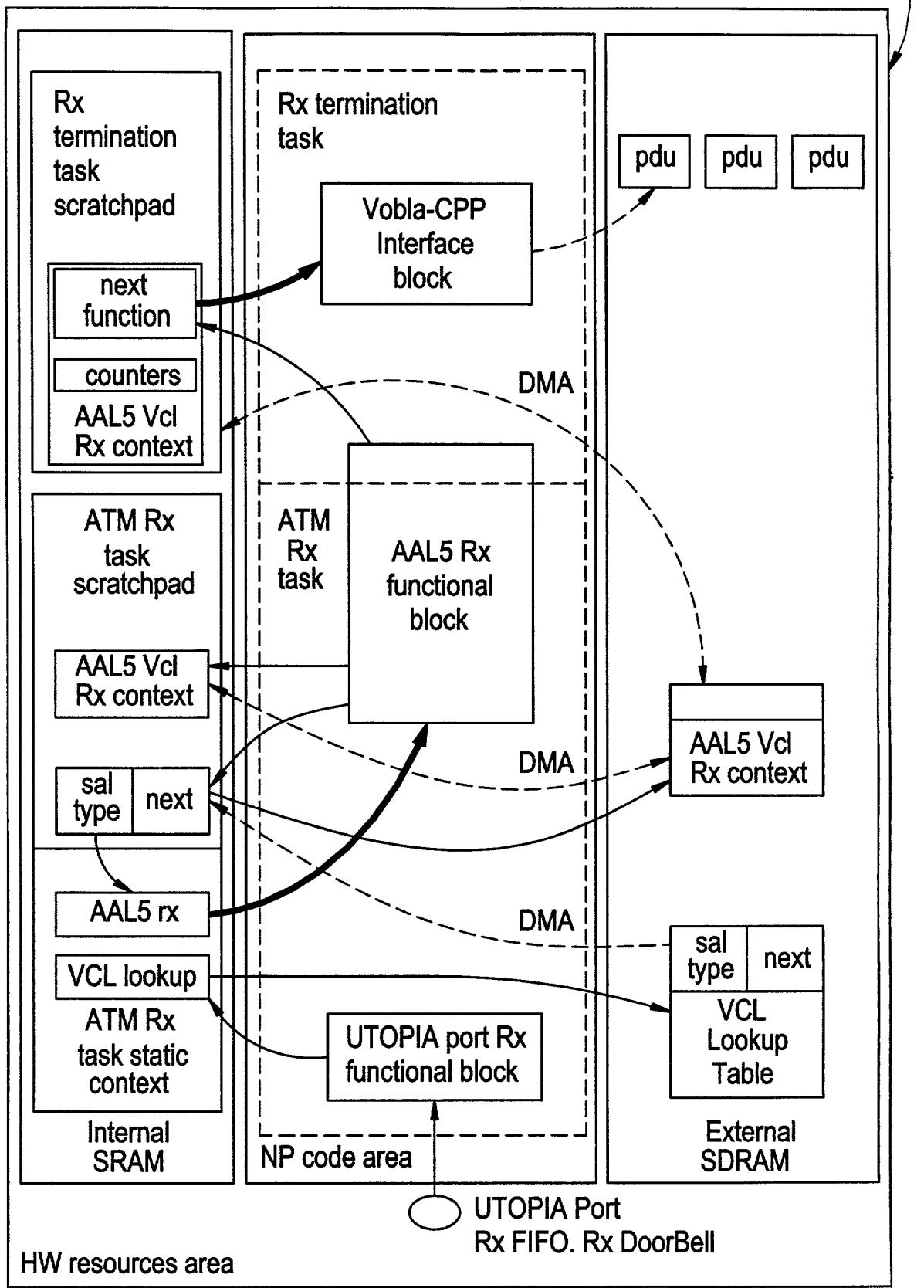


FIG. 84





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FIG. 85

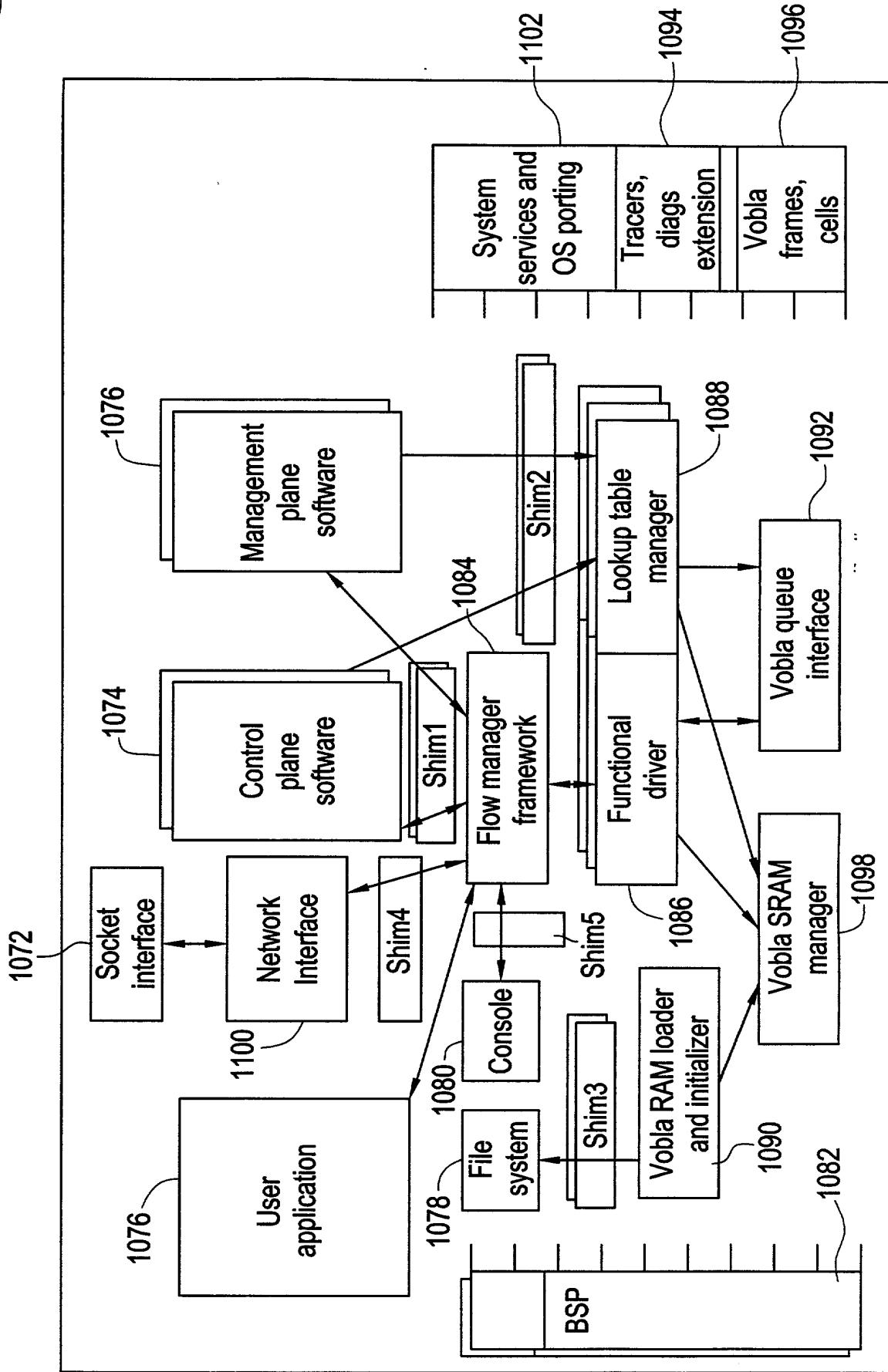


FIG. 86

1200

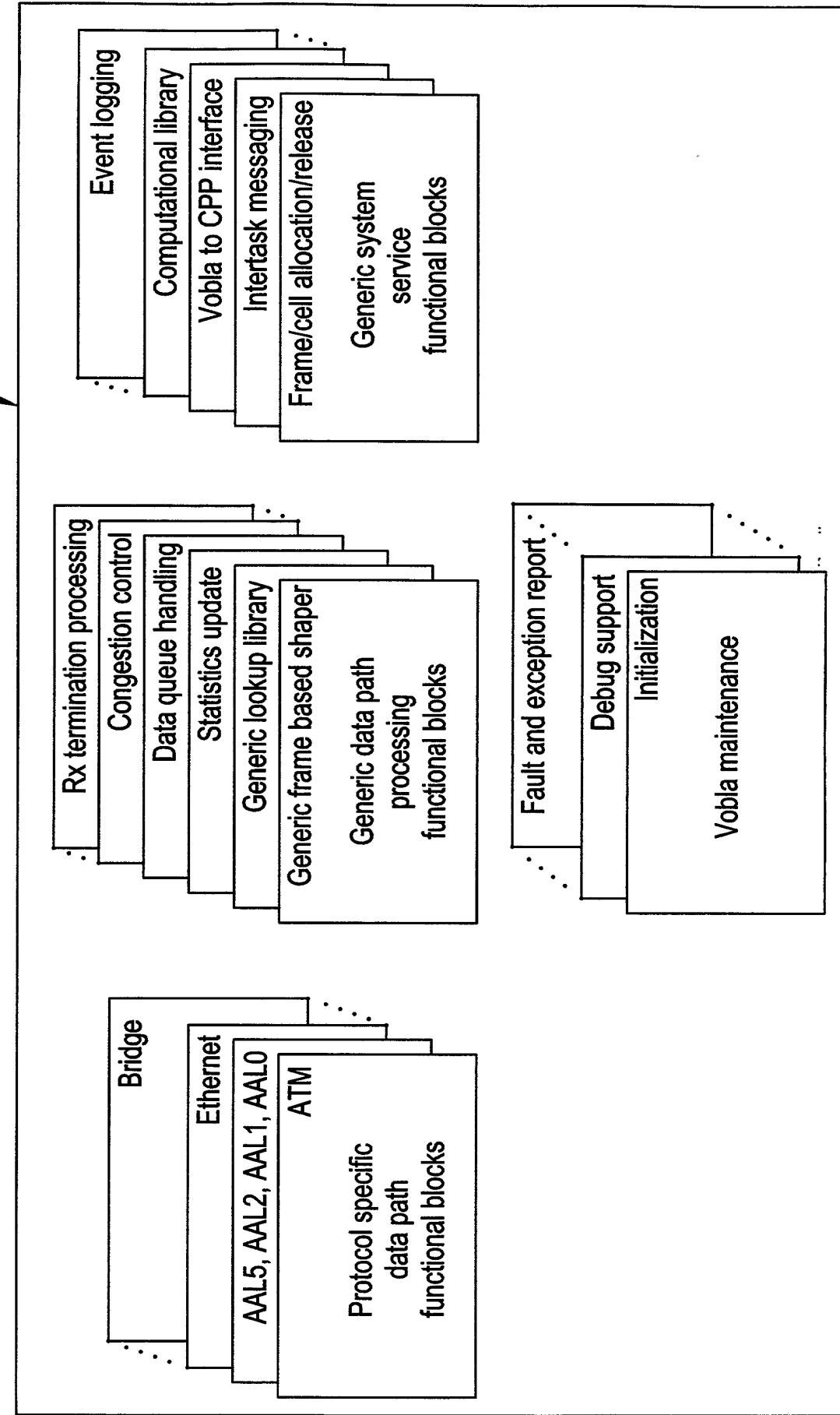




FIG. 87

PRIOR ART

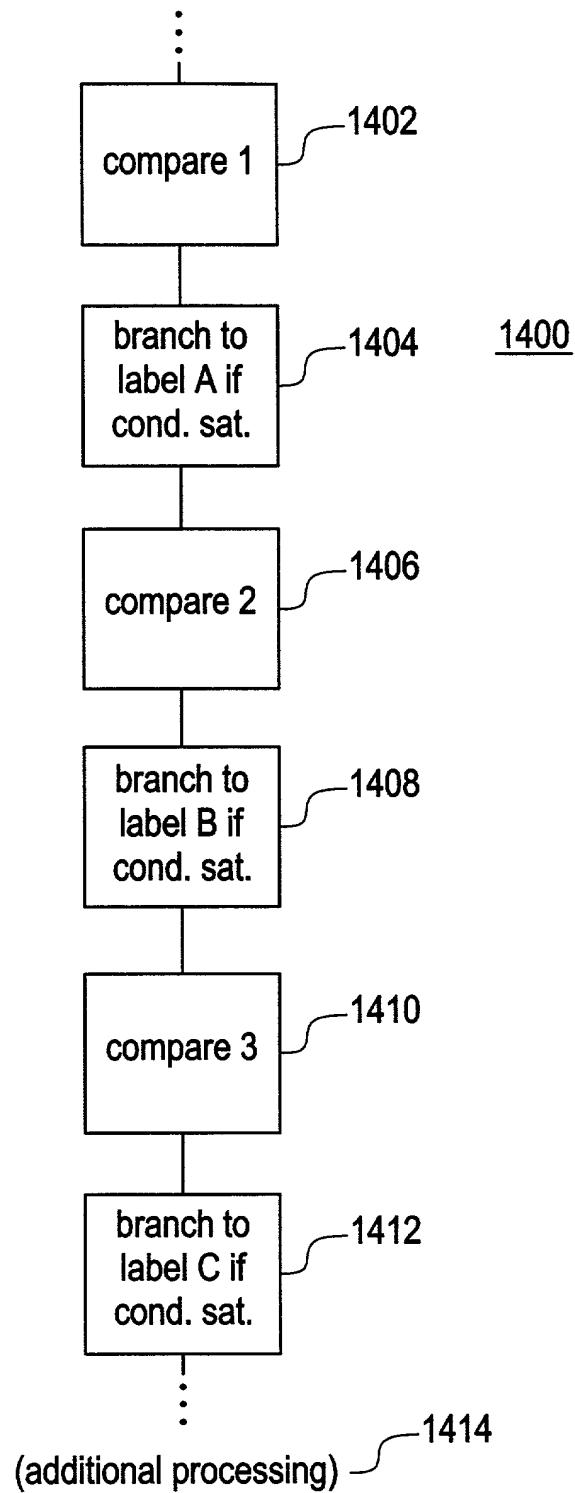




FIG. 88

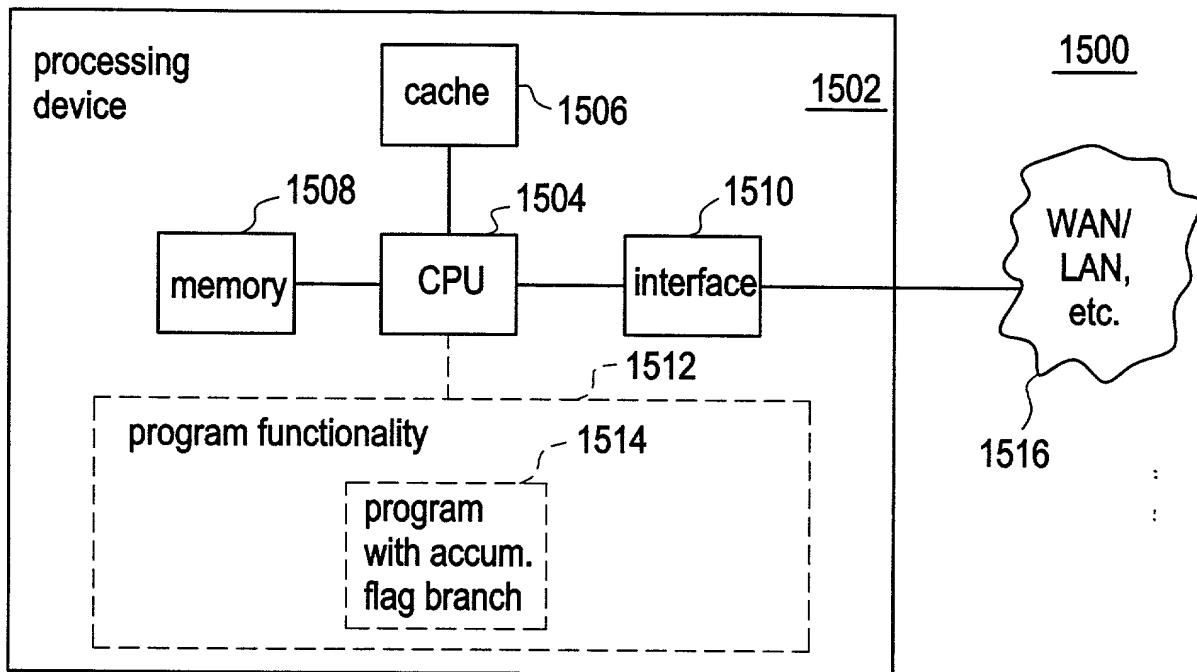


FIG. 89

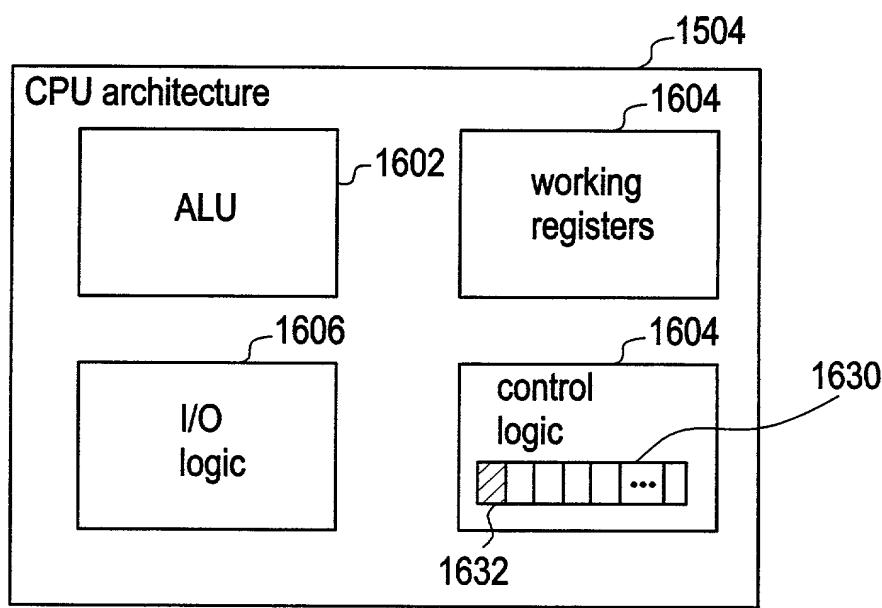


FIG. 90

